



# GC EUROPE

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CATALOGUE

2013-2014

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2013-2014

CATALOGUE



# 'GC.'

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# Introduction



## GLOBAL HEALTH AGENDA

Throughout the world, people strive to enhance their quality of life and remain healthy, young and attractive. How can a dental company contribute towards the improvement of global health? For us at GC it is very clear!

Since GC was established in 1921, we have dedicated ourselves to dentistry and have achieved significant milestones along the way. Through decades of product innovation, research and development and world-class manufacturing, GC has firmly entrenched its commitment to partnering with dental professionals and promoting oral health for all.

The links between oral health and systemic health have been scientifically proven and as a result, we believe our products raise the standards of oral health delivery, thus allowing people to lead healthier and happier lives in general. At the 90th anniversary celebration in February 2011, the management guideline, Vision 2021, was announced. It is our challenge to become the No. 1 dental company in the world by making further contributions to a healthy long-living society. We will continue making our utmost efforts in supporting the global support to people's health leading up to our 100th anniversary.

## QUALITY

Quality assurance has become a hallmark of GC activities, in all areas of our company. We are proud to have received recognition for this on many occasions from the highest regulatory bodies and we continue to strive towards achieving our targets. Our greatest accolade of all was being awarded the Japan Quality Medal in 2004, the most prominent recognition for quality that any company can receive in the world. In addition, on behalf of all GC Associates, I was also awarded the Deming Prize for Individuals for promoting QM activities over the last 34 years.

Our fundamental aim is to develop products that not only exceed worldwide quality standards but also ensure that the global environment and consequently the world population will be better protected.

At GC we also place great value on the communication loop between our customers and researchers to freely exchange opinions and information and to be a source of inspiration to each other. Without question, the key to our success is based on precisely understanding the needs and interests of our customers.

## CORPORATE PHILOSOPHY

As outlined, our vision as a company extends far beyond the production line of innovative dental materials. The essence of this approach is captured in the concept of 'Semui' which all GC Associates follow daily. As our corporate philosophy, it represents a combination of selflessness, pure objectivity, charity and great wisdom. Our top priorities are maintaining the consistently high quality of our products and delivering the greatest levels of satisfaction to our customers. We see ourselves playing a key role in serving others for the ultimate benefit of our global community of oral health professionals.

We thank you for joining us on this journey.

Makoto Nakao  
President & Chief Executive Officer  
GC Corporation



### EUROPEAN HUB OF EXCELLENCE

GC Europe has a long history as the European hub of excellence for GC. From our successful expansion into regional markets across the continent over the past few decades, to our streamlined logistics operations and premium dental education facility, we are delighted to continue to deliver the highest standards of service to our customers. It is GC Europe's VISION to be Europe's benchmark dental company and for this reason we will continue to invest in innovative systems and products that deliver considerable added value to our customers. Through this we fulfil our MISSION of transforming GC into one of the leading oral health companies. We are proud to be a company that supplies world-class quality products and services to all European dental professionals.



### CONTINUED GROWTH AND EXPANSION

Our dedication to excellence enables us to set bigger goals, dream bigger dreams and attain new heights, while at all times being informed by the latest scientific knowledge.

An example of this is our long-standing relationship with the renowned Faculty of Dentistry at the Catholic University of Leuven (Belgium), as well as many other centres of excellence. Through the Toshio Nakao Chair we collaborate with the Faculty to promote research into the adhesion of all dental materials. The knowledge gained from this gives us a better understanding of how dentine and enamel adhesion works and allows us to translate this into the development of innovative products.

### CONNECTING WITH CUSTOMERS

One of our key aims is to engage with our customers to ensure we meet their needs. GC Europe embraces the diversity of the regional markets by having branches in all the major European countries, as well as strong support teams comprising local experts in the dental trade. Thanks to Europe-wide networking and a central database we can ensure that all of our products are delivered promptly and are consistently available through our partners. We use the feedback from our regular customer satisfaction surveys to track our progress and continue to improve.

Our regional branches are geared towards fostering this essential relationship through a local language support with the added advantage of country-specific knowledge. Centrally, this is carried through by our state-of-the-art training facility, GC Campus, which offers local language courses and workshops by top trainers.

Eckhard Maedel  
President  
GC Europe





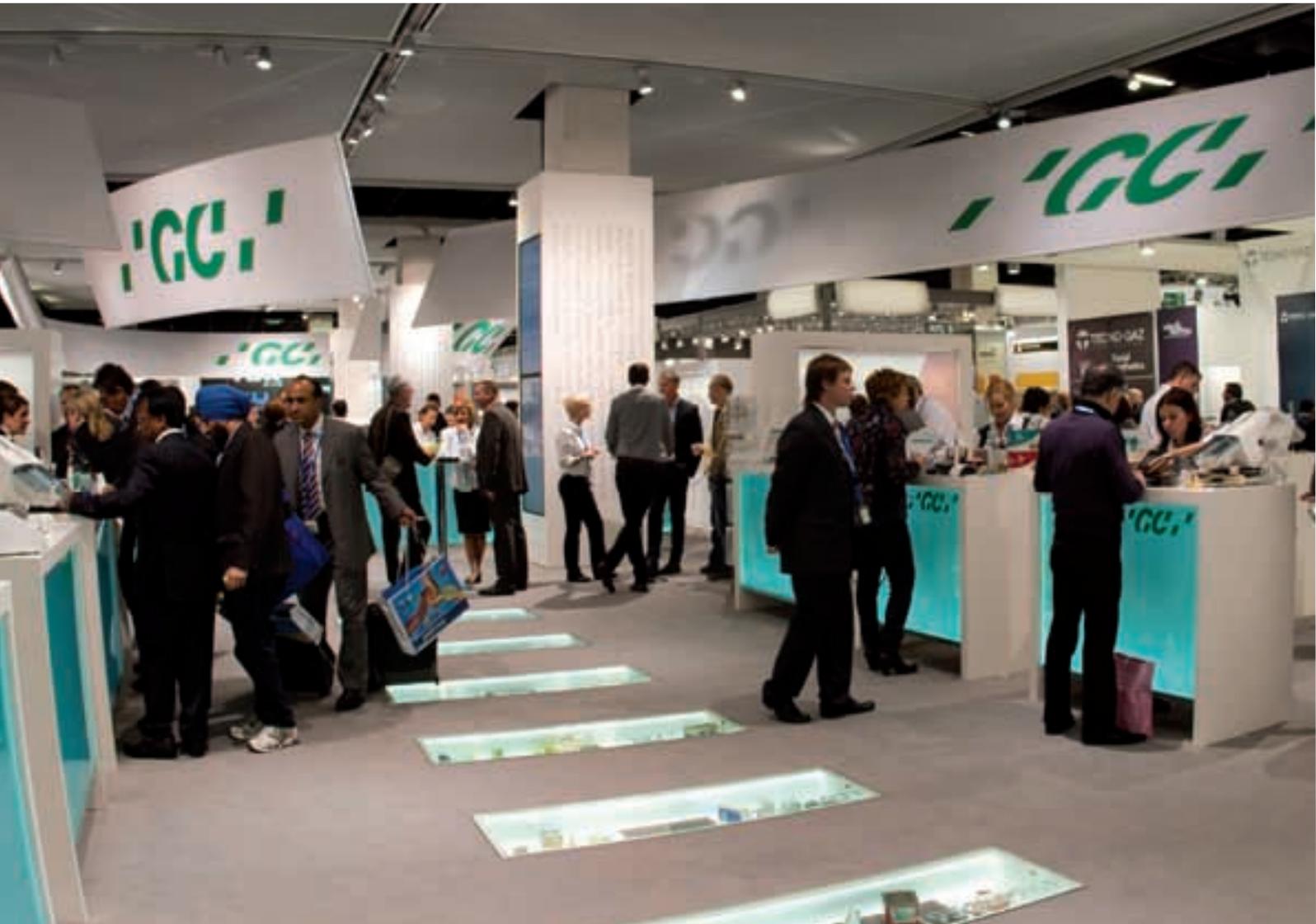
### **GLOBAL COMPANY, LOCAL COMMITMENT**

Can you expect friendly face-to-face interaction with a multinational company? At GC you can! Despite its global operations, GC has maintained the approach of being a locally-oriented company that can serve its customers through personal interaction in their language. Our regional GC Europe branch is committed to giving you excellent product offerings and support so that you can focus on your work: making beautiful smiles.

### **LOOKING FORWARD TO MEET YOU**

As part of our commitment to reach out to our customers and meet your needs, we regularly attend dental trade events and conferences where you can meet our team of friendly representatives. We also regularly host open days and training events to further support your product and continuing professional education requirements. Through this, you are guaranteed to always have access to a friendly GC contact person who is ready to answer your questions and provide you with additional information.

Look out for our distinctive GC logo and product packaging at the next dental event you attend...we look forward to meeting you!



**STEP INSIDE GC EUROPE...**

For more than 25 years, GC Europe has been recognised by both dentists and dental technicians alike as a provider of consistently high quality products that are easy to handle, as well as being capable of delivering the highest service standards to our customers. Our dedication to dentistry continually results in product development that provides value to our customers. We lead the way in glass ionomer technology and are well known for more than 20 years of expertise and progress in the field of gypsum products as well as impression and investment materials. In recent years we have added further strategic fields to our portfolio, in the form of innovative systems and products in Aesthetic Dentistry and Minimum Intervention.



From any interaction that you have with us, our approach to excellence will be clear:

**QUALITY**

Our activities are focused on delivering consistently high standards, making us a trusted and reliable partner in your dental practice or dental laboratory

1

**ACCOUNTABILITY**

We strive at all times to continually improve our services, strengthening our competence and excelling in not only responsiveness to the market and our customers but also our courtesy and friendly approach to business

2

**SERVICE**

We take pride in our systems and operations which allow us to deliver our products to you with speed and convenience, so you can focus on creating beautiful smiles

3

**TECHNOLOGY**

We believe in harnessing innovation in order to progress as this sets us apart and motivates us to grow and develop in all areas

4



## GC G-ænial Anterior



GC G-ænial Anterior is easy to use and brings natural vitality and exceptional shade matching for superior aesthetic results making it a composite suited for everyday use. GC G-ænial Anterior is a composite of medium consistency which won't stick or slump, making it ideal for free-hand contouring in aesthetic restorations. See page 22.

## GC G-ænial Posterior



GC G-ænial Posterior has a firmer consistency than G-ænial Anterior, providing you with a more packable feel and just the right viscosity to ensure complete adaptation to the cavity floor and walls. GC G-ænial Posterior is easy to carve and optimally shaded for perfect posterior restorations. See page 23.

## GC G-ænial Universal Flo



GC G-ænial Universal Flo offers an exclusive combination of a flowing viscosity, for easy and convenient placement, combined with outstanding physical properties for safe and durable restorations providing you with the answer to many difficult cases where you do not want to compromise between perfect placement, aesthetics and strength. See page 24.

## GC G-ænial Bond



G-ænial Bond offers you the highest and safest adhesion to both enamel and dentine, regardless of the technique you choose. With G-ænial Bond you gain the simplicity and reduced postoperative sensitivity of a self-etch adhesive combined with increased bond strength when you decide to use 10-second selective etching on enamel. See page 28.

## GC EQUIA® Fil & EQUIA® Coat



EQUIA offers excellent aesthetics with its exceptional translucency and colour match\* to meet your patient's cosmetic needs. With almost no shrinkage stress, high moisture tolerance and no reported postoperative sensitivity, GC EQUIA offers you the possibility to make long term restorations in just 3 min. and 25 seconds! See page 36-37.  
\*Data on File

## GC everX Posterior



GC everX Posterior is a fibre-reinforced composite designed to be used as dentine replacement. The short fibres of GC everX Posterior will make it a perfect sub-structure to reinforce any composite restoration in large size cavities. Thanks to its unique properties, GC everX Posterior opens new possibilities for restorations of extensive cavities at chairside and is the answer to the growing demand for an economic restorative alternative for big size cavities. See page 20.

## GC Tri Plaque ID Gel



GC Tri Plaque Gel is a great tool to motivate and educate your patients. In three simple steps GC Tri Plaque ID Gel shows you not only the difference between old and new but the gel also highlights where the bacteria are most active by disclosing the acidic pH. See page 12.

## GC Saliva-Check Mutans



Enhance the preventative measures and motivate your patients with GC Saliva-Check Mutans, a simple and accurate chairside test which detects, in 15 minutes only, the patient's level of S. mutans. See page 13.

## GC G-CEM LinkAce



GC G-CEM Automix already demonstrated the highest qualities in a self-adhesive resin cement with excellent adhesion, aesthetics, high strength and durability. GC G-CEM LinkAce goes even further with offering the highest polymerization in self-cure mode. GC G-CEM LinkAce presents perfect results, independent from the type of prosthetic material that is being cemented. See page 46.

## GC FujiCEM 2



GC FujiCEM 2 is the result of an entire decade of continuous improvements along with the solid reputation of more than 150 million crowns cemented worldwide. Powered by the innovative Force & Fusion Technology, GC FujiCEM 2 doubles the shear bond strength of the original GC FujiCEM\*, rewarding you with the assurance of a successful treatment. See page 48. \*Data on file

## GC Fuji TEMP LT



GC Fuji TEMP LT is the first paste paste glass ionomer long-term provisional luting cement with various applications such as long-term temporary luting on implant abutments, try-on cementation during complex oral rehabilitations and long term polymerization. GC Fuji TEMP LT is especially designed to ensure a perfect balance between retention and retrievability. See page 50.

## GC Fuji IX GP EXTRA Powder/Liquid (P/L)



The well known Fuji IX GP Extra from GC is now also available in powder/liquid form. The high strength glass ionomer cement with a new generation of glass filler gives a restoration with a very high translucency. The result is natural aesthetics never before achievable with conventional glass ionomer. See page 38.

## GC everStick® line



With the GC everStick product line, making different types of periodontal splints, root canal posts and bridges is quick and easy. The use of everStick fibre products involves minimally invasive treatment; this means that many different treatment options will be available in the future. The most significant advantages for your patients are cost effectiveness, tissue saving and reduced treatment time in comparison with metal ceramics, ceramics and implantology. See page 31-34.

## GC Fujivest® Platinum II



With the new GC Fujivest Platinum II GC has reached another milestone in the casting of crowns and bridges. With its long comfortable working time and improved fluidity, investing complicated cases has become easier than ever before. With an increased expansion range this top of class material has become even more versatile. GC Fujivest Platinum II is created for precious, semi-precious and palladium based alloys. See page 74.

## GC Fit Checker Advanced (Blue)



Following years of expertise with Fit Checker, GC is now introducing GC Fit Checker Advanced and GC Fit Checker Advanced Blue. Based on the VPES technology also used in GC EXA'lence, those new fit checking materials retain the same appreciated features as their predecessors. New features, such as increased hardness for easy trimming and removing and the special blue colour for easy checking on ceramic materials make them a material you always want to have in your drawers. See page 65.

## GC Initial



After 10 years on the market the GC Initial range of ceramics can probably be called one of the most versatile systems. Regardless of your challenges, Initial from GC offers a solution – from apprentice to expert without the need to switch between brands or types of ceramic. When you want to work in a very fast economic way we offer you the Initial IQ or Initial Classic lines and by working according to the life-like layering schemes of the Initial Expert line you can create masterpieces with unlimited possibilities. See page 79-89.

## MINIMUM INTERVENTION TREATMENT PLAN

Advances in cariology have resulted in a better understanding of the carious process, GC takes the initiative to translate these oral health philosophies into your routine dental practice. The GC approach is based on the Minimum Intervention (MI) concept and more particularly through balancing the natural biological functions of demineralisation and remineralisation of the tooth structure.

With the MI Treatment Plan, GC wants to help general practitioners to implement

the principles of MI into routine dental practice. This systematic way to introduce cariology into daily clinical practice is matched with the very latest "evidence based references and works". GC is aiming to make the processes of diagnosis, prevention and treatment or control a regular part of dental care and to enhance your patients' quality of life. With the MI treatment plan, GC brings solid and clear guidelines to the general practitioner for MI treatments and planning, illustrated in many clinical cases:

- Diagnosis
- Treatment and recall plans
- Patient actions and tools
- Preventive and non-invasive treatments
- Atraumatic and minimally invasive restorative treatments
- Tentative models for the financial and practical implementations



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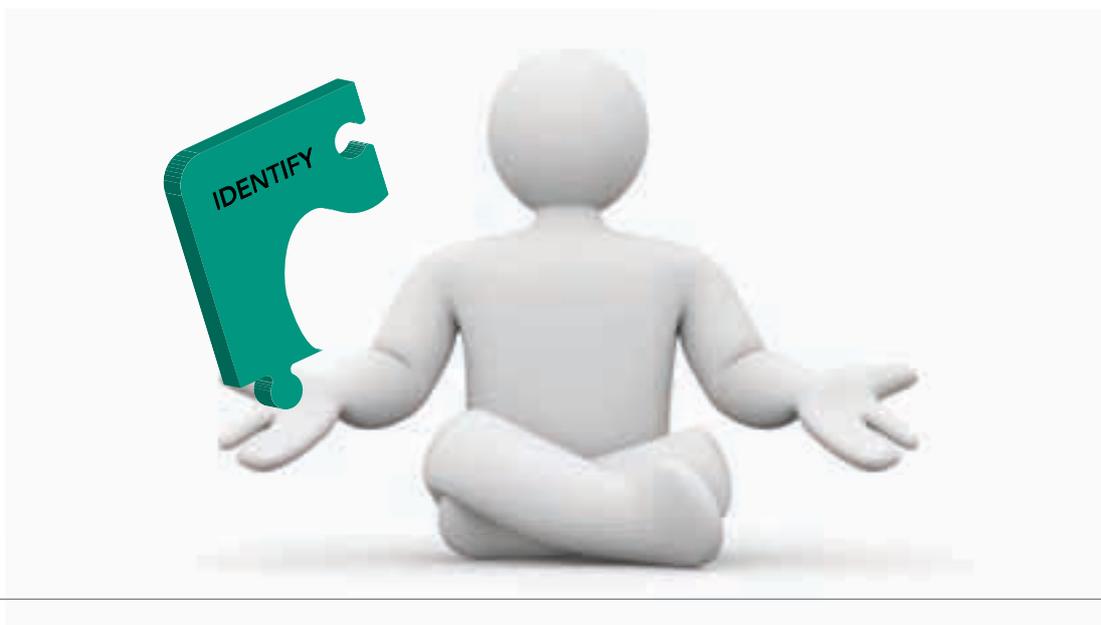
### TREATMENT PLAN - A PHASES CYCLE



# GC EUROPE

## MI IDENTIFY

The examination of a patient is not limited to the teeth, but takes the risk factors for caries into account like diet, brushing habits, the quantity and buffering capacity of saliva, the amount of cariogenic bacteria (like Streptococci Mutans) in saliva and the cariogenicity of plaque. In order to diagnose and monitor caries, the diagnostic threshold has to be reduced to the first clinical signs of caries in enamel. These early forms are clinically detectable in fissures and on flat surfaces as well as on x-rays for the interproximal areas. The use of diagnostic tools like GC Saliva-Check Mutans test kit, GC Tri Plaque ID Gel, GC Saliva-Check Buffer kit, not only helps you to get the most relevant information about your patient's susceptibility but also helps to motivate your patient.



## GC Tri Plaque ID Gel

### Caries Risk Assessment

An innovative plaque disclosing gel that identifies new, mature and acid producing biofilm.



### CHARACTERISTICS & BENEFITS

- Patient motivation/education tool to help understand how lesions are formed and how a healthy oral environment is maintained
- Unique gel that not only helps to identify the age but also the acidogenicity of the plaque
- Caries risk assessment can be done within a few minutes

### HOW TO USE

Apply GC Tri Plaque ID Gel onto the tooth surface using a suitable instrument (micro brush, swab or tooth brush)?

Identify the plaque by observing the colour of the gel.

- a) pink or red: fresh plaque
- b) blue or purple: mature plaque (at least 48 hours old)
- c) light blue: mature and strong acid producing plaque

### PACKAGES

GC Tri Plaque ID Gel	
004273	Tube (40 g, 36 ml, approximately 130 applications)

## GC Saliva-Check Buffer



### In-Office Test To Evaluate Quantity And Quality Of Saliva

Saliva testing involving both stimulated and unstimulated saliva. By evaluating both, the results become a very useful diagnostic and powerful communication tool.

#### CHARACTERISTICS & BENEFITS

- Checks flow rate, viscosity and consistency of unstimulated saliva to obtain information about the patient's lifestyle
- Checks the pH of the resting saliva and gives warnings about high acid levels
- Checks the quantity of stimulated saliva to identify salivary gland disease
- Checks the buffering capacity of stimulated saliva which is a measure of the effectiveness in neutralising acids

#### HOW TO USE

Testing can be done as part of a routine examination, and the results explained as part of a discussion about prevention and treatment.

#### PACKAGES

GC Saliva-Check Buffer	
720000	Pack of 20 tests

## GC Saliva-Check Mutans



### In-Office Test For Rapid Detection Of High Levels Of Streptococcus Mutans

GC Saliva-Check Mutans uses a very specific immunochromatography process which avoids the use of incubators or other devices. Accurate results are available in just 15 min.

#### CHARACTERISTICS & BENEFITS

- Chair-side detection kit, no special equipment required, just a timer
- Results available in 15 min. only
- Using 2 monoclonal antibodies only S.Mutans is detected and no other bacteria species
- Enhances the motivation of patients with low salivary flow or low oral pH, with an acidic diet or high frequency of carbohydrate

#### PACKAGES

GC Saliva-Check Mutans	
004504	Pack of 10 tests

## MI Prevent

Preventing caries from advancing is possible if a patient is willing to change certain habits. Diet and tooth-brushing must be optimised to be effective in caries prevention. In practice, active preventive treatments aim at reducing the caries risk factors and promoting remineralisation. A very effective strategy is a combination of professional mechanical tooth cleaning, a healthy diet and products like GC Tooth Mousse and GC MI Paste Plus which help to promote remineralisation and bring the oral flora back to normal.



## GC Tooth Mousse



GC Tooth Mousse  
Bio-Available Calcium  
And Phosphate

Remineralising sugar free dental topical  
crème containing RECALDENT™  
CPP-ACP.

### CHARACTERISTICS & BENEFITS

- Delivers RECALDENT™ Casein Phosphopeptide - Amorphous Calcium Phosphate
- Inhibits enamel demineralisation and induces remineralisation
- Reduces hypersensitivity by obturating open dentinal tubules
- Prevents initial caries forming thanks to the anti-cariogenic properties
- Reverses white spot lesions
- For patients who have a low to medium risk of caries
- During and/or after orthodontic treatment
- For desensitising before and after teeth whitening and after procedures such as root scaling or cleaning
- For pregnant women and children below the age of six

### HOW TO USE

First clean the teeth. Then apply a small amount across tooth surfaces with a clean finger or cotton-tipped applicator and let it work for three to five minutes.

### INDICATIONS

- To provide extra protection for teeth and fight against acid attacks

### PACKAGES

GC Tooth Mousse	
890102	GC Tooth Mousse, Promotional 5-Pack Box with 5 Tubes, 40 g (35 ml) per Tube, 1 of each flavour (Melon, Strawberry, Tutti-Frutti, Mint, Vanilla)
002032	GC Tooth Mousse, Pack of 10 pcs, 40 g, (35 ml) per tube Assorted, 2 of each flavour (Melon, Strawberry, Tutti Frutti, Mint & Vanilla)
002520	Strawberry
002270	Vanilla
002523	Tutti-Frutti
002522	Mint
002521	Melon

## GC MI Paste Plus

Bio-Available Calcium, Phosphate And Fluoride

Remineralising sugar free dental topical crème, containing RECALDENT™ CPP-ACP and fluoride.



### CHARACTERISTICS & BENEFITS

- All the benefits of GC Tooth Mousse, with 900ppm of a unique, patented form of fluoride
- Buffers the pH changes in plaque
- Impairs the adhesion and growth of S. Mutans and Sobrinus
- Remineralises early enamel lesions and makes enamel more resistant
- Optimises the transport and intake of fluoride by enamel

### INDICATIONS

- During and/or after orthodontic treatment, especially on white spots
- For patients with medium or high susceptibility to caries and who need support due to very poor plaque control
- For patients who suffer from an acidic oral environment, erosion and gastric reflux

### PACKAGES

GC MI Paste Plus	
900441	GC MI Paste Plus, Promotional 5-Pack Box of 5 Tubes, 40 g (35 ml) per Tube, 1 of each flavour (Melon, Strawberry, Tutti-Frutti, Mint, Vanilla)
002614	GC MI Paste Plus, Pack of 10 pcs, 40 g, 35 ml per tube Assorted, 2 of each flavour (Melon, Strawberry, Tutti Frutti, Mint and Vanilla)
002886	Strawberry
002887	Melon
002888	Vanilla
002889	Tutti Frutti
002621	Mint

CPP-ACP was developed at the School of Dental Science at the University of Melbourne Victoria/ Australia. RECALDENT™ is a trade mark used under license. RECALDENT™ (CPP-ACP) is derived from milk casein. Do not use on patients with a milk protein and/ or hydroxybenzoates allergy.

## GC Dry Mouth Gel



### Extra Comfort For Dry Mouth Sufferers

Neutral pH gel designed to help relieve dry mouth and provide long lasting comfort and a soothing effect for dry mouth sufferers.

#### CHARACTERISTICS AND BENEFITS

- Helps to relieve dry mouth and providing long lasting comfort
- Neutral pH preserves oral pH in the safe range to prevent demineralisation
- Relieves up to 4 hours
- Handy tube, available for immediate use whenever necessary
- Available in 4 delicious flavours
- Also recommended to help relieve dry mouth experienced by denture wearers

#### HOW TO USE

Squeeze a generous amount of the gel from the tube onto a clean finger. Smear the gel over the buccal and lingual surfaces of the teeth and mucosa.

#### PACKAGES

GC Dry Mouth Gel	
003438	Assorted Pack 10 pcs, 4 Mint, 2 Raspberry, 2 Orange, 2 Lemon
004617	GC Dry Mouth Gel, Pack 10 pcs, Raspberry

## GC Fuji® TRIAGE



### Radiopaque Glass Ionomer Surface Protection Material

GC Fuji TRIAGE is a highly fluoride-releasing glass ionomer material for fissure and root surface protection, hypersensitivity prevention and provisional treatment procedures such as intermediate endodontic sealing.

#### CHARACTERISTICS & BENEFITS

- Can be applied when saliva control is not possible allowing treatment of newly erupted molars (partially) covered by soft tissue
- Available in white and pink
- Chemical adhesion to tooth structure, no need for etching and bonding
- Easy-to-apply low viscosity
- Self-curing conventional GIC without addition of resins
- Pink shade can be optionally 'command set' with VLC unit for early protection against dehydration
- Translucent pink shade that allows visible control during recalls
- Very high level of fluoride release

#### INDICATIONS

- Fissure protection
- Hypersensitivity prevention and control
- Root surface protection
- Intermediate endodontic sealing

#### HOW TO USE

Apply a thin layer of glass ionomer on the tooth surface at increased risks. The acid-resistant ion exchange layer will act as additional protection for the tooth.

#### PACKAGES

GC Fuji TRIAGE P/L (1-1 Pack, 15 g powder, 10 g liquid, 6 g Dentin Conditioner and accessories)	
002490	Pink
002491	White
GC Fuji TRIAGE CAPS (Box of 50 capsules, mixed volume per capsule 0.13 ml)	
002495	Pink
002496	White
GC Fuji TRIAGE Accessories	
002559	GC Capsule Applier IV, 1 pce

## MI Restore

Modern restorative materials like GC EQUIA require less removal of tooth structure as compared to the traditional materials like amalgam or gold. They adhere to the tooth structure and fulfil high aesthetic demands by the patient. Atraumatic and minimally invasive restorative treatments conserve tooth structure and promote longevity of restorations. Other products that can also be used as per the MI philosophy are the various GC Fuji IX GP high viscosity GICs, GC Fuji II LC and GC Fuji TRIAGE and our range of composite restorative materials such as GC G-ænial, GC GRADIA Direct & GC Kalore. For more details on these products please refer to the GIC's and restorative composites listed under the Restorative Dentistry products.



## MI Recall

In cariology, standard recall schemes (see your dentist twice a year) have long been used. That approach is for a highly susceptible patient too long and for those with very low susceptibility perhaps too short. Hence with the MI treatment plan you can give your patients the most individualistic recall period taking into consideration their own risk factors.



## THE RIGHT PRODUCTS FOR YOUR RESTORATIVE TREATMENTS...

From simple imperfections to complete, high-end, multi-layered restorations, the range of GC aesthetic composite restoratives provides you with beautiful results. Are you looking for an anterior or posterior composite or rather a universal restorative? Do you prefer to work with a free-flowing or more viscous flowable composite? GC offers them all: from the proven, easy to handle **GC GRADIA Direct** range, to the high-end, user friendly family of radiopaque composites called **GC G-ænial**, and the high-tech low shrinkage universal **GC Kalore** with DuPont® monomer technology. All of them feature natural, lifelike colouring and characteristics.

In search for constant improvements and innovations in restorative dentistry, GC is proud to introduce **GC everX Posterior**. The presence of fibres in the material provides unique features to the restoration. Fibres will contribute to prevention of fracture in the material/ tooth structure and thereby open new opportunities for direct dentistry. With a fracture toughness equivalent to dentin and almost double to any composite, this material will be a perfect reinforcing sub-structure, especially useful where it is most needed - for large posterior restorations.

The perfect complements to our range of composite restoratives are our two 7<sup>th</sup> generation bonding agents **GC G-ænial Bond** and **GC G-BOND**. Both are one-component, one-coat advanced bonding system, featuring a strong, long-lasting bond between light-cured composites, enamel and dentine.

From direct reinforced composite bridges to individualised posts, the range of everStick products has been developed to provide solutions for modern, patient-friendly dentistry. everStick fibre reinforcements are made of silanated glass fibres embedded in a polymer/ resin based matrix. Thanks to their unique bonding ability, these products address the advantages of minimally invasive dentistry where the patient's healthy tooth tissue is saved for as long as clinically possible. This also means that other treatment options remain available should the patient ever need them in the future.

With more than 30 years of knowledge and experience in glass ionomer technology, GC is recognised as the European leader in this field. Glass ionomer has proven to be clinically the most successful adherent system and as such is essential in every modern dental practice. You will find an answer to every clinical situation in our famous Fuji range of conventional and resin modified GICs. The latest development is the introduction in 2007 of the revolutionary **GC EQUIA system**. Dentists are no longer faced with difficult choices because, for the first time, they can have both aesthetics and cost-effectiveness in perfect balance! Posterior restorations based on glass ionomer technology have never been so aesthetic and translucent, high-performing and economical!



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# GC EUROPE

## GC everX Posterior

### Fiber Reinforced Composite For Dentine Replacement

GC everX Posterior is a fibre-reinforced composite designed to be used as dentine replacement, in conjunction with conventional composite such as G-ænial Posterior used as enamel replacement. The short fibres of GC everX Posterior will make it a perfect sub-structure to reinforce any composite restoration in large size cavities. Fibres will also prevent and stop crack propagation through the filling, which is considered to be the main cause of restorative failure. Thanks to its unique properties. GC everX Posterior opens new possibilities for restorations of extensive cavities at chairside and is the answer to the growing demand for an economic restorative alternative for big size cavities.



#### CHARACTERISTICS & BENEFITS

- Short fibres prevent and stop the progression of fracture in the restoration and in teeth
- Fracture toughness equivalent to dentine and almost double to any composite will bring unsurpassed strength to the restoration
- Minimal horizontal shrinkage as fibres contribute to shrinkage reduction in the direction of their orientation
- 4 to 5 mm increments can be cured simultaneously
- Reliable bond to overlaying composite as well as to the tooth substance

#### INDICATIONS

Reinforcing material for direct composite restorations, especially in large posterior cavities, including:

- Cavities with 3 surfaces or more to be restored
- Cavities with missing cusps
- Deep cavities (including class I, II and endodontically treated teeth)
- Cavities after amalgam replacement (especially since amalgam placement often lead to initiation of crack and cusp fracture)
- Cavities where onlays & inlays would also be indicated

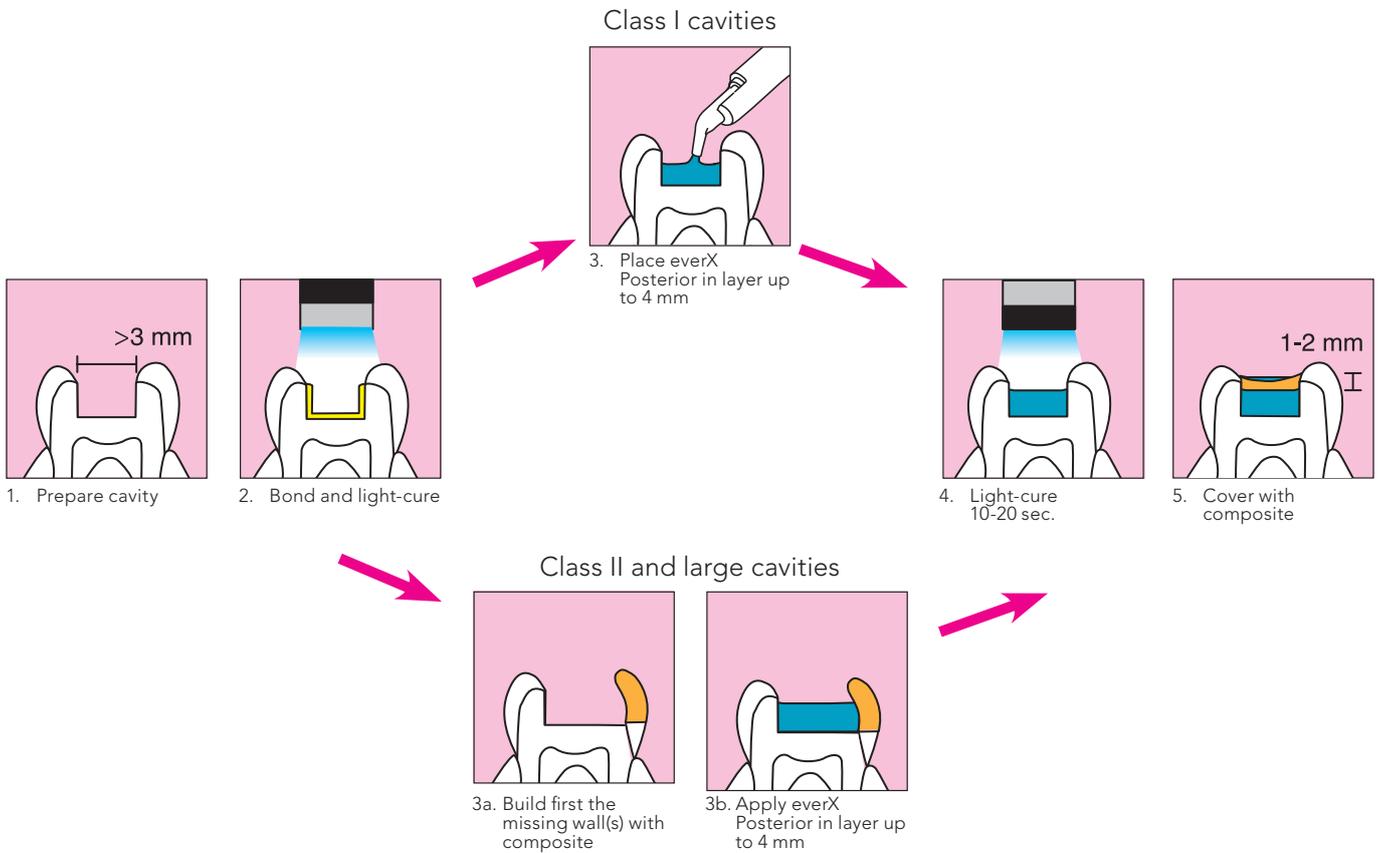
#### PACKAGES

GC everX Posterior Unitips (0.13 ml)	
005117	Universal Shade (transparent), box of 15 unitips

#### NOTE:

- everX Posterior should always be covered with a layer of light-cured universal restorative composite, for sufficient wear resistance.

## Step-by-step everX Posterior



## Clinical cases everX Posterior

1. Reinforcement of large restorations (cavities where inlays or onlays would also be indicated, cavities after endo treatment)

*Dr. Y. Marinova, Bulgaria*



1. Defective composite restoration



2. Cavity preparation



3. Build-up of missing walls with G-aenial Posterior



4. Application of everX Posterior



5. Final restoration after final layer of G-aenial Posterior

2. Replacement of amalgam restorations especially with missing cusp(s)

*Pr M. Peumans, Belgium*



1. Defective amalgam restoration



2. Cavity preparation



3. Build-up of missing walls with composite



4. Application of everX Posterior



5. Final restoration after final layer of composite

## GC G-ænial Anterior

### Light-Cured Anterior Composite Restorative

GC G-ænial Anterior is the material of choice when you are looking for a restorative that will meet the aesthetic expectations of all your patients - in most cases with only one shade. Being a forgiving composite that offers beautiful and natural looking high gloss restorations whilst being extremely easy to use, makes it a composite suited to everyday use. GC G-ænial Anterior also gives you more working time so you are free to shape, flow and sculpt to obtain the ideal anatomical form and aesthetics with ease.



#### CHARACTERISTICS & BENEFITS

- G-ænial Anterior is suited to all application techniques: from mono-shade beauty to a thousands of aesthetics possibilities using a multi-shade layering
- Its unique composition with an internal reflectivity accurately reproduces that of natural tooth for excellent aesthetics with just a single shade
- To further meet all aesthetic demands, G-ænial Anterior is available in 22 shades with 3 different opacities:
  - Enamel (Outside)
  - Dentine (Standard)
  - Opaque Dentine (Inside)
  - Easy enamel shade selection based on the age of the patient
- Effortless handling: smooth, non-sticky viscosity that can even be handled with a brush
- Stress-free work in multi-layer restorations: working time of around 4 min.
- Easy and quick polish to a smooth, glossy surface
- Aesthetic & radiopaque: unique patented High-Density Radiopaque (HDR) Technology for easy traceability through X-rays

#### HOW TO USE

Age related shade system to replace enamel:

- Junior Enamel (JE) for young patients
- Adult Enamel (AE) for adult patients
- Senior Enamel (SE) for senior patients

For more details regarding set composition and refills, please refer to individual leaflets or item lists on our website <http://www.gceurope.com>

#### PACKAGES

GC G-ænial Anterior Syringes (2.7 ml/4.7 g)					
003909	Quick Start Kit (7 syringes - A1, A2, A3, B2, JE, AE, IE)				
900538	Advanced Kit (7 syringes - A3.5, AO2, AO3, B1, B3, C3, TE)				
<b>Refill: 1 syringe</b>					
003940	A1	003959	XBW	003953	JE
003941	A2	003939	BW	003954	AE
003942	A3	003947	C3	003957	SE
003943	A3.5	003948	CV	003958	CVE
003944	A4	003949	CVD	003956	IE
003960	B1	003950	AO2	003955	TE
003945	B2	003951	AO3		
003946	B3	003952	AO4		
GC G-ænial Anterior Unitips (0.16 ml/0.28 g)					
003908	Quick Start Kit (35 Unitips - 5 each of A1, A2, A3, B2, JE, AE, IE and 1 Shade Guide)				
900539	Advanced Kit (35 Unitips - 5 each of A3.5, AO2, AO3, B1, B3, C3, TE)				
<b>Refill: Box of 20 Unitips</b>					
003911	A1	003914	A3.5	003917	AE
003912	A2	003916	CV	003918	IE
003913	A3				
<b>Refill: Box of 10 Unitips</b>					
003919	BW	003923	C3	003926	AO4
003920	A4	003925	AO2	003927	JE
003932	B1	003924	CVD	003928	TE
003921	B2	003923	C3	003929	SE
003922	B3	003925	AO2	003930	CVE
003924	CVD	003915	AO3	003931	XBW
GC G-ænial Anterior Accessories					
003910	Shade Guide, 1 pce				
900498	GC Unitip Applier II, 1 pce				

## GC G-ænial Posterior



### Light-Cured Posterior Composite Restorative

GC G-ænial Posterior features a more condensed filler content which gives a firmer consistency and greater control when contouring anatomical form in posterior restorations. The packable material will still wet and flow when manipulated to ensure tight moulding, even in the deepest cavities. The unique blend is formulated for both strength and low shrinkage stress.

#### CHARACTERISTICS & BENEFITS

- Excellent aesthetics with just a single shade
- For more demanding cases, adapted shade system with 4 standard shades and 2 outside shades
- Adequate radiopacity of 252% Al facilitates the follow-up
- Non-sticky packable viscosity for better control contouring and building anatomical forms
- High fracture toughness and reduced polymerisation shrinkage stress for long-lasting restorations
- Easy and quick polish to a smooth, glossy surface

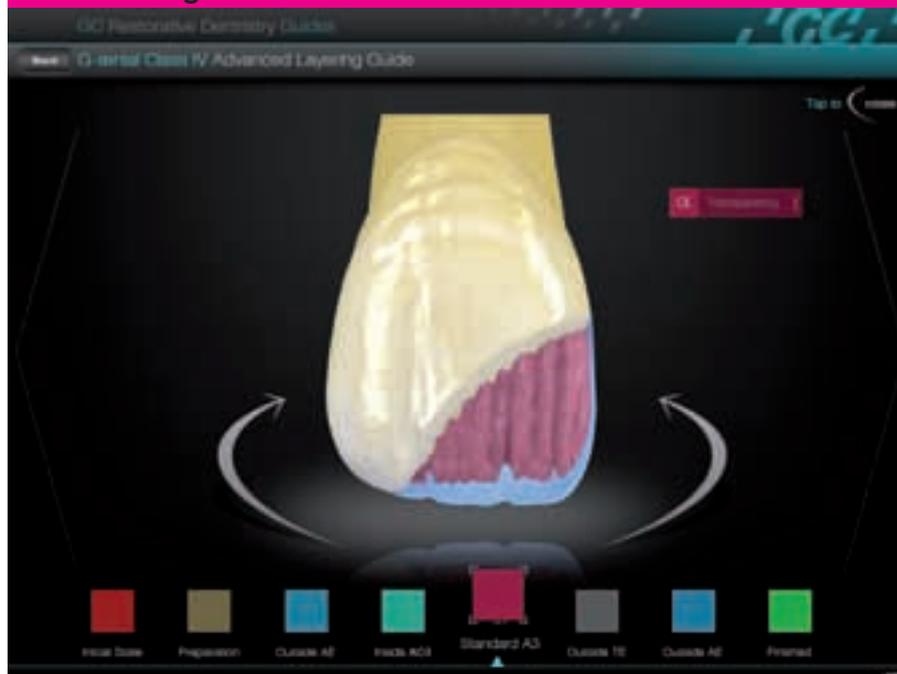
#### HOW TO USE

In class II cavities, it is recommended to first build the proximal wall with an enamel or a standard shade. Once the cavity has been transformed into a class I, continue building the rest of the restoration as usual, applying first the dentin part of the cusp and continuing with an enamel replacing layer.

#### PACKAGES

GC G-ænial Posterior Syringes (2.7 ml/5.5 g)					
Refill: 1 syringe					
003961	P-A1	003963	P-A3	003965	P-JE
003962	P-A2	003964	P-A3.5	003966	P-IE
GC G-ænial Posterior Unitips (0.16 ml/0.33 g)					
Refill: Box of 20 unitips					
003965	P-JE	003934	P-A2	003937	P-JE
003966	P-IE	003935	P-A3	003938	P-IE
003933	P-A1	003936	P-A3.5		
GC G-ænial Posterior Accessories					
003910	Shade Guide, 1 pce				
900498	GC Unitip Applier II, 1 pce				

## Restorative guide



### Improve your skills with GC's Restorative Dentistry Guides.

To allow you to achieve optimal results with our restorative dentistry products, we have developed for you comprehensive 3D tools that give you a better insight on:

- Correct shade selection
- Different bonding techniques
- The use and application of the different colours of our composite restoratives

Available on iTunes



## GC G-ænial Universal Flo

### High-Viscosity Light-Cured Flowable Universal Composite

GC G-ænial Universal Flo presents a number of intelligent and convenient features that make it one of the few flowables capable of combining both flowability with true Universal indications and use. With GC G-ænial Universal Flo you get an exclusive blend of injectable viscosity, for easy and convenient placement even in deep cavities, combined with outstanding physical properties for safe and durable restorations. G-ænial Universal Flo provides the answer to many difficult cases where you do not want to compromise between perfect placement, aesthetics and strength.



#### CHARACTERISTICS & BENEFITS

- Full strength: high physical properties for durable restorations in all indications
- Excellent wear resistance, even better than regular composites, for optimal use on occlusal and cervical surfaces
- Carefully balanced viscosity: smoothly flowing for easy placement but also highly thixotropic to hold its shape
- Very high gloss rate and gloss retention rate
- Can be considered to be a self polishing material
- Superb invisible aesthetics without any compromises
- Broad range of 15 shades and 3 different levels of translucencies
- Specially designed syringe that offers an ergonomic solution for improved application

#### INDICATIONS

- Direct restoration of class I, II, III, IV, V cavities
- Splinting
- Minimum Intervention restorations

#### PACKAGES

GC G-ænial Universal Flo (2 ml/3.4 g per syringe)					
Refill: 1 syringe, 20 Dispensing Tip III Plastic					
004202	A1	004213	BW	004214	CV
004203	A2	004207	B1	004211	AO2
004204	A3	004208	B2	004212	AO3
004205	A3.5	004209	B3	004215	JE
004206	A4	004210	C3	004216	AE
GC G-ænial Universal Flo Accessories					
004634	Dispensing Tip III Plastic, 30 pcs				
004635	Dispensing Tip III Needle (metal), 30 pcs				



Direct Class I, II, III, IV, V

Splinting

Minimum intervention cavity

## GC Kalore

### Light-Cured Universal Composite Restorative

Incorporating the best of industrial monomer innovation from DuPont®, GC Kalore features an exclusive low shrinkage stress technology. On a microscopic level, this means that during and after polymerisation, adhesion between the fillers and the resin matrix is maintained. With minimised shrinkage stress, the integrity of the restoration especially at the margins is ensured. Combined with outstanding aesthetics, GC Kalore offers a revolutionary total package in restorative dentistry.



#### CHARACTERISTICS & BENEFITS

- Lowest shrinkage stress thanks to DuPont's new monomer technology, licensed exclusively to GC
- GC's patented HDR (High-Density Radiopaque) prepolymerized fillers provides a high wear resistance
- Proprietary interface between the filler and the matrix ensure the longevity of your restorations
- Excellent handling and hassle-free polishing
- Superior aesthetics in one shade or multi-shade restorations

#### INDICATIONS

Universal material for all indications:  
Class I, II, III, IV and V cavities

For more details regarding set composition and refills please refer to individual leaflets or item lists on the website  
<http://www.gceurope.com>

#### PACKAGES

GC Kalore Syringes (2 ml/4 g)					
003625	Trial Kit (3 syringes - A2, A3, A3.5)				
<b>Refill: 1 syringe</b>					
003572	AO2	003596	GT	003584	B3
003573	AO3	003597	CVT	003585	C2
003574	A04	003577	A1	003586	C3
003575	OBW	003578	A2	003587	D2
003576	OXBW	003579	A3	003588	CV
003592	WT	003580	A3.5	003589	CVD
003593	DT	003581	A4	003590	BW
003594	CT	003582	B1	003591	XBW
003595	NT	003583	B2		
GC Kalore Unitips (0.16 ml/0.3 g)					
003570	Trial Kit (50 Unitips - 20x A2, 20x A3, 10x A3.5)				
<b>Refill: Box of 20 Unitips</b>					
003613	A1	003617	A4	003621	C2
003614	A2	003618	B1	003622	C3
003615	A3	003619	B2	003623	D2
003616	A3.5	003620	B3		
<b>Refill: Box of 10 Unitips</b>					
003606	XBW	003599	AO3	003608	DT
003605	BW	003600	AO4	003609	CT
003603	CV	003601	OBW	003610	NT
003604	CVD	003602	OXBW	003611	GT
003598	AO2	003607	WT	003612	CVT
GC Kalore Accessories					
003571	Shade Guide, 1 pce.				
900498	GC Unitip Applicator II, 1 pce.				

## GC GRADIA Direct

### Light-Cured Anterior & Posterior Composite Restorative

With GC GRADIA Direct, you can handle all your in-surgery aesthetically-demanding restorations with just one easy-to-use restorative. Whether it's a single shade or a multi shade procedure, using GC GRADIA Direct makes it easier and quicker to achieve a superb, natural looking and long-lasting restoration. Due to the remarkable shade adaptation to the surrounding tooth structure, outstanding aesthetic restorations can easily be achieved with only one shade. The combination of different shades will offer unlimited aesthetic results, using a maximum of three shades for an anterior restoration and two shades for a posterior restoration.



#### CHARACTERISTICS & BENEFITS

- Micro-filled resin hybrid composite
- One restoration system for all your needs
- Unique concept consisting of Standard, Outside Special and Inside Special shades for invisible restorations
- Longer working time due to low sensitivity to the operating light
- Well-balanced viscosity leading to superior handling

#### GC GRADIA DIRECT ANTERIOR

- Excellent aesthetics and surface smoothness
- A perfect match and adaptation to natural tooth colour

#### GC GRADIA DIRECT POSTERIOR

- Excellent mechanical properties
- High fracture toughness to resist occlusal stress
- Radiopaque for easy recognition

#### HOW TO USE

Standard Shades: chameleon effect shades for anterior and posterior restorations.  
 Outside Special: translucent shades for anterior and posterior restorations.  
 Inside Special: opaque shades for anterior restorations only.

For more details regarding set composition and refills please refer to individual leaflets or item lists on the website <http://www.gceurope.com>

#### PACKAGES

GC GRADIA Direct Syringes (Anterior - 2.7 ml/4 g Posterior - 2.7 ml/4.7 g X - 2.7 ml/5 g)					
002039	Introductory Kit (7 syringes - A2, A3, A3.5, AO3, CV, CT, P-A2 & 1 shade guide)				
<b>Refill: 1 syringe</b>					
002275	XBW	002055	P-WT	002044	B3
002050	BW	001991	A3.5	002045	C3
001988	A1	002042	A4	001993	CV
001989	A2	002274	B1	002048	CVD
001990	A3	002043	B2	002047	AO4
002046	AO2	001992	AO3	002051	WT
002053	DT	002052	GT	002054	CVT
002049	CT	001996	NT	002603	X-A3
002003	P-A1	002008	P-NT	002604	X-A3.5
002004	P-A2	002008	P-NT	002607	X-A02
002005	P-A3	002601	X-A1	002605	X-WT
002006	P-A3.5	002602	X-A2		
GC GRADIA Direct Unitips (Anterior - 0.16 ml/0.24 g Posterior - 0.16 ml/0.28 g X - 0.16 ml/0.30 g)					
001966	Introductory Kit (35 Unitips - A2, A3, A3.5, AO3, CV, CT, P-A2 & 1 shade guide)				
<b>Refill: Box of 20 Unitips</b>					
001967	A1	001972	CV	002002	P-NT
001968	A2	002040	DT	002590	X-A1
001969	A3	001975	NT	002591	X-A2
001970	A3.5	001997	P-A1	002592	X-A3
001967	A1	001998	P-A2	002593	X-A3.5
001968	A2	001999	P-A3	002594	X-WT
001969	A3	002000	P-A3.5		
001970	A3.5	002041	P-WT		
<b>Refill: Box of 10 Unitips</b>					
001976	A4	001971	A03	001984	CT
002272	B1	001981	AO4	001985	WT
001977	B2	001982	CVD	001986	GT
001978	B3	001983	BW	001987	CVT
001979	C3	002273	XBW	002596	X-A02
001980	AO2				
GC GRADIA Direct Accessories					
002276	Shade Guide, 1 pce				
900498	GC Unitip Applier II, 1 pce				

## GC G-ænial Flo



### Light-Cured Radiopaque Flowable Composite

GC G-ænial Flo is an easy to use flowable composite. With its perfect adaptation and high radiopacity, GC G-ænial Flo is ideal to use as a liner, to block undercuts, in a tunnel preparation or to restore small defects.

#### CHARACTERISTICS & BENEFITS

- High wettability, allowing perfect adaptation to the cavity walls, avoiding air entrapment
- Radiopacity of about 230% Al allowing easy x-ray follow-up
- Well balanced physical properties, perfectly adapted to the product's indications
- Available in 8 shades including 2 opaque shades

#### PACKAGES

GC G-ænial Flo (2 ml/3.8 g per syringe)					
Refill: 1 Syringe, 20 Dispensing Tip III Plastic					
004194	A1	004196	A3	004198	A4
004195	A2	004197	A3.5	004201	CV
GC G-ænial Flo Accessories					
004634	Dispensing Tip III Plastic, 30 pcs				
004635	Dispensing Tip III Needle (metal), 30 pcs				

## GC GRADIA Direct Flo



### Light-Cured Flowable Hybrid Composite

GC GRADIA Direct Flo is a light-cured, radiopaque micro-hybrid resin specially designed for use in combination with GC GRADIA Direct. Thanks to its physical properties, proper flow characteristics and direct application by syringe, this material is ideal as a liner under composite restorations.

#### CHARACTERISTICS & BENEFITS

- GC GRADIA Direct Flo has a non-runny and non-sticky formula which shapes perfectly to cavity walls and makes it easy to handle
- Light curable and radiopaque for easy diagnosis
- Superior syringe design allowing easy manipulation and precise application

#### PACKAGES

GC GRADIA Direct Flo (1.5 g/0.8 ml per syringe)					
Refill: 2 Syringes, 4 Dispensing Tip Needle type (metal)					
002278	A1	002281	A3.5	002358	BW
002279	A2	002284	AO3		
002280	A3	002285	CV		
GC GRADIA Direct Flo Accessories					
001926	Dispensing tips, Metal type, 20 pcs				
001927	Dispensing tips, Plastic type, 20 pcs				

## GC GRADIA Direct LoFlo



### High-Viscosity Light-Cured Flowable Hybrid Composite

GC GRADIA Direct LoFlo, the first flowable to be considered as a real restorative, not only for Class V or as a liner, but also for Class I, Class II and Class III restorations. Introducing the High-Density Radiopaque (HDR) technology, GC offers a flowable restorative with unsurpassed physical properties.

#### CHARACTERISTICS & BENEFITS

- Wettability allows for perfect adaptability without slumping
- Wear resistance and fracture toughness at the level of modern posterior composites
- Up to 55% less shrinkage than the leading flowable composites on the market
- HDR Pre-polymerised filler with Nano-silica filler technology significantly increases durability, polishability and radiopacity
- Fluoro-alumino-silicate glass also brings protection against secondary decay

#### PACKAGES

GC GRADIA Direct LoFlo (1.3 g/0.8 ml per syringe)					
Refill: 2 Syringes, 4 Dispensing Tip Needle type (metal)					
002289	A1	002292	A3.5	002298	BW
002290	A2	002295	AO3		
002291	A3	002296	CV		
GC GRADIA Direct LoFlo Accessories					
001926	Dispensing tips, Metal type, 20 pcs				
001927	Dispensing tips, Plastic type, 20 pcs				

## GC G-ænial Bond

### One Component Self-Etching Light-Cured Adhesive

GC G-ænial Bond offers you a very high and safe adhesion to both enamel and dentine, regardless of the technique you choose. With GC G-ænial Bond you gain the simplicity and reduced post-operative sensitivity of a self-etch adhesive combined with increased bond strength when you decide to use 10-second selective etching on enamel. The increased level of phosphate ester monomer optimizes etching and improves the quality of the hybrid layer. The resulting nano-interaction zone and the HEMA-free formulation are key factors for strength and durability of the adhesion.



#### CHARACTERISTICS & BENEFITS

- Can be used as self-etch adhesive or with selective etching of enamel, select the best option depending on the case
- Superior bond strength to enamel and dentine thanks to the combination of chemical as well as micro-mechanical adhesion
- Long lasting bond strength thanks to HEMA- free formulation
- Excellent marginal integrity
- No post-operative sensitivity, independent from technique or composite used
- Clinical reliability proven in independent tests
- Simple and short working procedure

#### HOW TO USE

Apply and leave the adhesive layer undisturbed for 10 sec. Dry thoroughly for 5 sec. under MAXIMUM air pressure and light-cure for 10 sec.

For the selective etching approach, apply 35% - 40% phosphoric acid on enamel for 10 sec. prior to the application of the bonding agent. Then proceed with normal steps as described above.

#### PACKAGES

GC G-ænial Bond	
004217	Starter Kit (1 x 5 ml bottle, 50 disposable applicators (fine), 20 x disposable dispensing dish)
004219	3-bottle Pack (3 x 5 ml bottle)
004220	Refill (1 x 5 ml bottle)

## Step-by-step

Prior to use, carefully review the instructions for use.

### GC G-ænial Bond in the self-etch approach



1. Apply G-ænial Bond



2. Wait for 10 sec.



3. Dry with maximum air pressure  
5 sec.



4. Light-cure for 10 sec.

### GC G-ænial Bond in the selective etch approach



1. Etch the enamel for 10 sec.



2. Rinse



3. Dry



4. Apply G-ænial Bond and continue  
as described above.

## GC G-Bond



### One Component Self-Etching Light-Cured Adhesive

GC G-Bond is a self-etching, easy-to-use, light-cured adhesive which utilises both chemical and micro-mechanical adhesion principles. The two functional monomers, 4-MET and Phosphoric Acid Ester, combine with nanofilled particles to form a unique and stable nanofilled interface with the dentine – the nano interaction zone (NIZ) – whilst offering a reliable adhesion to enamel at the same time.

#### CHARACTERISTICS & BENEFITS

- Mild etching providing a very low risk of post-operative sensitivity
- Presence of two different functional monomers creates chemical adhesion to dentine and enamel
- Proven long term clinical performance
- One-component system with a simplified handling technique which saves time - a 30 sec. procedure
- Ease of use with low sensitivity to dentine moisture
- HEMA-free for a durable bond in time

#### PACKAGES

GC G-Bond	
002277	Starter Kit, Bottle (5 ml bottle, 50 disposable applicators & 1 dispenser tray)
002302	Starter Kit, Unit Dose (50 x 0.1 ml unit doses & 50 disposable applicators)

## GC GRADIA Core

### Aesthetic Core Build-Up And Post Luting Composite

With the intelligent system of GC GRADIA Core and GC Fiber Post you can offer your patients enduring restorations which are more conservative and gentle on the remaining tooth structure. GC GRADIA Core combines luting and core build up into one product with ideal handling properties. The self-etching, dual-cure bonding system employs a simplified one-step application. The finishing phase can already start from 5 min. after the core build-up application.



### PACKAGES

GC GRADIA Core	
900515	Complete system (1 GC GRADIA Core Kit, 1 GC Fiber Post Assortment Kit, 1 GC GRADIA Core Cartridge Dispenser, 1 GC Ceramic Primer)
900514	Intro Pack (1 GRADIA Core Kit, 1 GC GRADIA Core Cartridge Dispenser)
003651	GC GRADIA Core Kit (1 GC GRADIA Core Cartridge 10 ml (20g), 1 SE Bonding Liquid A 3 ml, 1 SE Bond Liquid B 1.5 ml, 25 Micro-Tip applicators, 1 Applicator holder, 1 Dispensing dish, 20 GC Automix Tips for Endo, 20 Extension Tips)
003652	Cartridge Refill (1 GC GRADIA Core Cartridge 10 ml (20g), 20 GC Automix Tips for Endo, 20 Extension Tips)
003653	GC GRADIA Core SE Bond Liquid A Refill, 3 ml
003654	GC GRADIA Core SE Bond Liquid B Refill, 1.5 ml
GC GRADIA Core Accessories	
900511	GC GRADIA Core Cartridge Dispenser, 1 pce
001930	GC Ceramic Primer (2 x 2 ml liquid)
900495	Automix Tip for Endo, 10 automix tips for endo, 10 extension tips

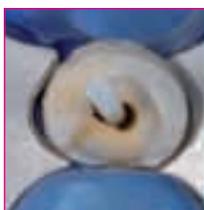
### CHARACTERISTICS & BENEFITS

- Minimum tooth preparation thanks to the superior adhesive properties with reduced steps
- Luting and core build-up with 1 material
- Dual-cure and contact-cure to secure high bond strength
- Cutting feeling similar to dentine
- Minimized stress on remaining tooth structure with a high flexural strength and low shrinkage stress
- Radiopacity superior to enamel

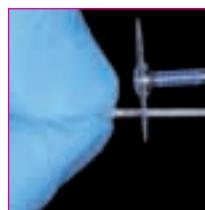
### Step-by-step



1. Prepare post space



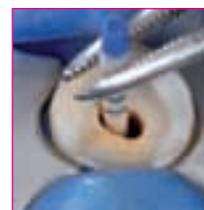
2. Trial fit the post



3. Cut the post to the desired length



4. Treat the post with silane agent such as GC Ceramic Primer



5. Rinse and dry with air syringe and paper point



6. Treat the surfaces to be bonded with GC GRADIA Core SELF-ETCHING BOND



7. Dry with medium air pressure for 10 sec. Light-cure for 10 sec.



8. Dispense GC GRADIA Core into the post space



9. Seat the post. Light-cure for 5 sec.



10. Build-up with GC GRADIA Core



11. Light-cure each surface for 10 sec.



12. Self-cure for 5 min. if the light cannot reach the material. Then start contouring

## GC Fiber Post



## Glass Fibre Post

With GC Fiber Post you can offer your patients core build-up restorations based on minimum intervention principles. The wide selection of GC Fiber Post sizes allow for more conservative and gentle canal preparation. GC Fiber Posts are specifically designed to offer an optimal adhesive interface with GC GRADIA Core.

### CHARACTERISTICS & BENEFITS

- Minimum root space enlargement with smaller diameter posts
- Unique light transmission to ensure the polymerization of the paste, even in deep post spaces
- High density of glass fibres (77% in weight) without structural defects, ensuring a high resistance to load
- Lower modulus of elasticity than metal for better stress repartition
- High flexural strength similar to metal, in all sizes of posts
- Radiopacity for easy diagnosis

### PACKAGES

GC Fiber Post	
900515	Complete system (1 GC GRADIA Core Kit, 1 GC Fiber Post Assortment Kit, 1 GC GRADIA Core Cartridge Dispenser, 1 GC Ceramic Primer)
900513	Intro Package (1 GC Fiber Post Assortment Kit, 1 GC Ceramic Primer)
400101	Assortment Kit (15 GC Fiber Posts - 5 x 1.0 mm, 5 x 1.2 mm, 5 x 1.4 mm and 2 Drills - 1 x 1.2 mm, 1 x 1.4 mm)
Fiber Post refill	10 Fiber Posts in unit dose blister in sizes 0.8, 1.0, 1.2, 1.4, 1.6
Drill refill	1 pce available in sizes 1.2, 1.4, 1.6
GC Fiber Post Accessories	
001930	GC Ceramic Primer (2x 2 ml liquid)

## GC everStick®POST



## Individually Formable and Unpolymerised Glass Fibre Post

GC everStickPOST is a soft, flexible and unpolymerized glass fibre post which can be individually adapted to the shape of the root canal before light-curing while offering high strength after light curing. By respecting the anatomy of the canal, the risk for root fracture is reduced tremendously.

### CHARACTERISTICS & BENEFITS

- Fully adaptable to the morphology of the canal in order to maximize the adhesive surface and the strength in the most critical part of the tooth
  - Tooth preserving because canal preparation is not needed to the same degree as with traditional prefabricated posts
  - High flexural strength after light curing
  - Elasticity very similar to the natural elasticity of dentine
  - Adhesive and micromechanical bonding to both composite cement and core composite thanks to the IPN structure
- Even distribution of occlusal stress on the root structure, reducing the risk of fractures

### INDICATIONS

The unique GC everStickPOST is especially suited to fit the morphology of atypical canals such as curved, oval as well as very large root canals.

### PACKAGES

GC everStickPOST	
900827	everStickPOST Intro (5x post Ø 0.9; 5x posts Ø 1.2; 5x posts Ø 1.5; 5ml StickRESIN bottle)
900836	everStickCOMBI (8cm everStickC&B; 8cm everStickPERIO; 30 cm² everStickNET; 5x everStickPOST Ø 1.2; 1x StickSTEPPER hand instrument; 1x StickREFIX D silicone instrument)
900819	everStickStarter Kit (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 5 ml StickRESIN bottle; 2 ml G-aenial Universal Flo syringe; 1x StickREFIX D silicone instrument; 1x StickSTEPPER; 1x StickCARRIER)
Refill	
900828	10 x 2 cm posts Ø 0.9
900829	10 x 2 cm posts Ø 1.2
900830	10 x 2 cm posts Ø 1.5
everStickPOST Accessories	
900823	StickRESIN, 5 ml adhesive bottle

## GC everStickC&B

### Glass Fibre Reinforcement For Fibre-Reinforced Composite Bridges

The use of everStickC&B fibre reinforcement offers a unique treatment method for replacing missing teeth. With everStickC&B you can prepare composite bridges reinforced with fibres in one single visit using a minimally invasive technique. This evidence based fibre reinforcement technology provides you with a metal free, cost-effective treatment method complete your prosthetic treatment choices.

GC everStickC&B enables you to prepare reversible, minimally invasive solutions where healthy tooth structure can be saved for as long as it is clinically possible.



#### CHARACTERISTICS & BENEFITS

- Reliable and aesthetic way to replace missing teeth during one visit
- Tooth tissue preserving approach
- Perfect for urgent situations and trauma cases to provide an immediate solution to replace missing teeth
- Economical alternative in case of extensive restorative needs
- Ideal for both anterior and posterior restorations

#### INDICATIONS

For every indication to replace missing teeth either temporarily, transitionally or for a long-term:

- Surface retained bridges
- Inlay and onlay bridges
- Hybrid bridges
- Full cover crown bridges
- Implant-supported bridges
- Temporary bridges
- Immediate bridges

All these bridges can also be ordered from the dental laboratory.

#### PACKAGES

GC everStickC&B (Ø 1.5 mm; ~4000 fibres)	
900835	everStickIntro (5 cm everStickC&B; 5 cm everStickPERIO; 1 x StickREFIX D)
900836	everStickCOMBI (8cm everStickC&B; 8cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 1x StickSTEPPER; 1 x StickREFIX D')
900819	everStickStarter Kit (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 5 ml StickRESIN bottle; 2 ml G-aenial Universal Flo syringe; 1 x StickREFIX D; 1 x StickSTEPPER; 1 x StickCARRIER)
Refill	
900833	2 x 12 cm fibre bundle
900834	1 x 8 cm fibre bundle
GC everStickC&B Accessories	
900824	StickREFIX silicone instruments (3 x StickREFIX L, 3 x StickREFIX D)

## Step-by-step

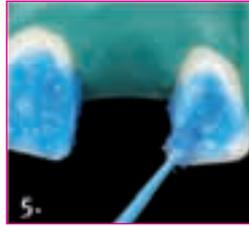
How to prepare an anterior everStickC&B fibre reinforced bridge for the anterior region



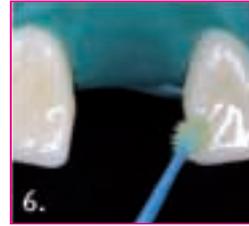
1.-3. Check the occlusion, measure the length & cut fibres



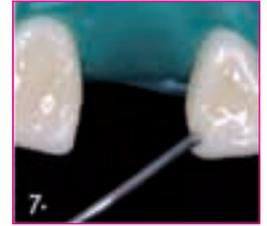
4. Clean the teeth with pumice & water



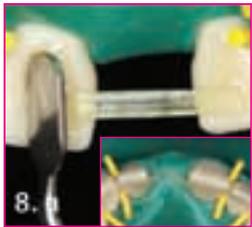
5. Etch the surface of the bonding area for 45-60 sec.



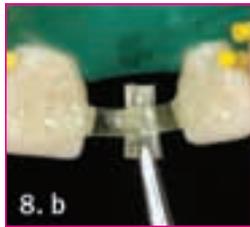
6. Bond according to manufacturer's instruction



7. Apply a thin layer of flowable composite



8. a Press the fibres and light-cure for 5 sec. per area. Fibres should be bent in the pontic area



8. b Add transverse fibres onto the frame to support the pontic



9. Cover the entire frame with a thin layer of composite and light-cure for 40 sec.



10. Layer the pontic with composite



11. Finish the bridge and adjust the occlusion

## GC everStick for daily dentistry



IPN - The heart of everStick fibres



everStick glass fibre reinforcements have been developed to provide solutions for modern, patient-friendly dentistry. All everStick fibre reinforcements are made of silanated glass fibres in thermoplastic polymer and light curing resin matrix. everStick products address the advantages of minimally invasive dentistry where the patient's own healthy tooth tissue is saved for as long as clinically possible. This also means that other treatment options remain available should the patient ever need them in the future.

Proper bonding between the fibres and composite is the key factor for a successful treatment. Only everStick products have a unique, patented interpenetrating polymer network structure (IPN). Clinically this leads to superior bonding enabling reliable surface retained applications and perfect handling properties.

The significance of the IPN structure is that surfaces can be reactivated even after the final polymerisation. Reactivation is crucial for superior bonding when

- laboratory-manufactured restorations are cemented to teeth
- FRC devices are remodelled or repaired

The IPN structure makes the everStick products fundamentally different from any other fibre or composite materials available.

## GC everStick®PERIO



### Glass Fibre Reinforcement For Periodontal Splinting

everStickPERIO are pre-impregnated uni-directional glass fibres for minimal invasive and reliable splintings. With optimal handling properties and aesthetics, they offer a dynamic and cost effective alternative for stabilizing and replacing teeth.

#### CHARACTERISTICS & BENEFITS

- Totally metal free, transparent and high aesthetic solution
- Comfortable for the patient because it can be designed to be self-cleansing and to not interfere with masticatory function
- Can be re-activated and are easy to remodel or repair
- Excellent micromechanical and chemical bonding to composites thanks to patented IPN structure
- Easy to remove when necessary

#### PACKAGES

GC everStickPERIO (Ø 1.2 mm; ~2000 fibres)	
900835	everStickIntro (5 cm everStickC&B; 5 cm everStickPERIO; 1x StickREFIX D)
900836	everStickCOMBI (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 1 x StickSTEPPER; 1 x StickREFIX D)
900819	everStickStarter Kit (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 5 ml StickRESIN bottle; 2 ml G-aenial Universal Flo syringe; 1 x StickREFIX D; 1 x StickSTEPPER; 1 x StickCARRIER)
GC everStickPERIO Refill	
900822	2 x 12 cm fibre bundle
900832	1 x 8 cm fibre bundle

#### INDICATIONS

- Surface-retained or intra-coronal splinting
- Combined periodontal splints and surface-retained bridges

## GC everStick®ORTHO



### Glass Fibre Reinforcement For Aesthetic Orthodontic Retainers

GC everStickORTHO is indicated for the aesthetic retention phase after active orthodontic treatment. The matrix holds the individual glass fibres in bundle which facilitates easy handling and adaptation to the arch.

#### CHARACTERISTICS & BENEFITS

- Blends with the natural tooth shade
- Easy to adapt directly to the teeth eliminating the need for study models or second visits
- Reliable composite adhesive bonding
- Comfortable to wear and easy to clean
- Completely metal free without risks for metal allergy (Ni, Cr)

#### PACKAGES

GC everStickORTHO (Ø 0.75 mm; ~1600 fibres)	
900831	everStickORTHO 2 x 12 cm fibre bundle

## GC everStick®NET



### Glass Fibre Reinforcement For Labial Splinting

With his extremely thin and aesthetic bi-directional fibre mesh everStickNET is the optimal choice for labial splints in trauma cases. This pre-impregnated glass fibre splint offers a minimal invasive solution with reliable bonding, optimised handling properties and aesthetics.

#### CHARACTERISTICS & BENEFITS

- Totally metal free, transparent and high aesthetic solution
- Comfortable for the patient because it can be designed to be self-cleansing and to not interfere with masticatory function
- Can be re-activated and are easy to remodel or repair
- Easy to remove when necessary

#### PACKAGES

GC everStickNET	
900836	everStickCOMBI (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 1 x StickSTEPPER; 1 x StickREFIX D)
900819	everStickStarter Kit (8 cm everStickC&B; 8 cm everStickPERIO; 30 cm² everStickNET; 5 x everStickPOST Ø 1.2; 5 ml StickRESIN bottle; 2 ml G-aenial Universal Flo syringe; 1 x StickREFIX D; 1 x StickSTEPPER; 1 x StickCARRIER)
GC everStickNET Refill	
900818	everStickNET, 30 cm² fibre mesh

#### INDICATIONS

- Labial splinting of traumatized teeth
- Labial periodontal splinting
- Repair and reinforcing of veneers

## GC StickRESIN



### Light Cured Enamel Adhesive

StickRESIN is a light cure single-component enamel adhesive based on dimethacrylates. StickRESIN is used for wetting the Stick fibres and StickNET fibre sheets and for re-activating of fibre surfaces.

### PACKAGES

GC StickRESIN	
900823	5 ml adhesive bottle

## GC StickCARRIER



### Hand Instrument

The StickCARRIER instrument is specially designed to facilitate the use of Stick and everStick fibre products. The StickCARRIER is very useful during the positioning of the fibre bundle and functions at the same time as a tool to press the fibre bundle in place.

### PACKAGES

StickCARRIER - 1 pce	
900826	hand instrument

## GC StickSTEPPER



### Hand Instrument

The StickSTEPPER instrument is specially designed to facilitate the use of Stick and everStick fibre products. The shape of StickSTEPPER instrument is facilitating the positioning of the fibre bundles while also protecting the remaining fibre bundles from premature curing during the placement procedure.

### PACKAGES

StickSTEPPER - 1 pce	
900825	hand instrument

## GC EQUIA®

### Self-Adhesive Bulk Fill Posterior Restorative

EQUIA is a unique restorative system for aesthetic and economical posterior restorations with impressive strengths on all levels. The EQUIA system unites EQUIA Fil, a new generation of glass ionomer, and EQUIA Coat, a highly-filled resin coating material that brings glass ionomer technology to the next level and offers you a **new dimension in restorative dentistry**. Compared to many other restorative options EQUIA gives a substantial time advantage. The incomparable aesthetics widen your posterior restorative options to fulfil your patients' expectations. Being clinically proven over several years, this system offers a great alternative for your daily routine.



#### CHARACTERISTICS & BENEFITS

- Total procedure time of around 3,5 minutes
- Extended indications of use compared with other GIC materials
- The system doesn't require any layering, is non sticky and packable, and adapts perfectly to the cavity walls
- With almost no shrinkage stress, EQUIA can be called a real bulk fill material even for large and deep cavities
- Increased strength of the glass ionomer over time due to the unique maturation effect, attributed to saliva
- The use of a rubber dam is optional and the chemical adhesion eliminates complicated bonding procedures
- No need for any complex finishing and polishing since only a single application of EQUIA Coat is required
- Unrivalled shine and smooth surfaces with a durable, natural gloss easier than ever before

The EQUIA system is available in a variety of single and combination packages, consisting of capsules of EQUIA Fil and a bottle of EQUIA Coat. EQUIA Fil is delivered in the following Vita® shades: A1, A2, A3, A3.5, B1, B2, B3, C4 and SW (Standard White).

#### PACKAGES

GC EQUIA (mixed volume per capsule 0.14 ml)					
<b>Intro Pack (box with 100 capsules EQUIA Fil, 4 ml EQUIA Coat &amp; Accessories)</b>					
900555	A2	900559	B2	900661	SW
900556	A3	900603	Assorted		
<b>Promo Pack (box with 100 capsules EQUIA Fil, 4 ml EQUIA Coat &amp; Accessories)</b>					
900564	A2 & A2	900565	A2 & A3	900566	A3 & A3
<b>Clinical Pack (250 Equia FIL capsules, 6 ml Equia Coat &amp; Accessories)</b>					
900857	A2	900858	A3	900859	B2
<b>Refill: Box of 50 capsules</b>					
004259	Assorted	004262	A3	004265	B2
004260	A1	004263	A3.5	004266	B3
004261	A2	004264	B1	004267	SW
<b>Refill EQUIA Coat</b>					
004268	1 bottle EQUIA Coat 4 ml, disposable applicators (25)				
<b>GC EQUIA Accessories</b>					
002559	GC Capsule Applier IV, 1 pce				

## Clinical cases EQUIA®



Cervical restoration - Dr. M. Blique



Occlusal restorations in permanent teeth - Dr. M. Kukurba-Setkovicz



Occlusal restorations in permanent teeth - Dr. M. Blique



Restoring by minimally invasive technique - Dr. D. Adyani-Fard



## Step-by-step



1. Apply petroleum jelly or GC Cocoa butter inside the matrix



2. Use anatomical shaped wedges for better adaptation and contact points



3. Use of tight rings from sectional matrix systems act as separator of teeth to ensure good contact points



4. Apply GC Cavity Conditioner (10 sec.) or Dentin Conditioner (20 sec.)



5. Rinse and gently dry, do not desiccate



6. Shake or tap. Depress plunger



7. Insert on Capsule Applicator. Click once to activate



8. Mix for 10 sec. Working time is 1 min. 15 sec. from start of mix



9. Insert on Capsule Applicator. Click twice to prime capsule



10. IMMEDIATELY Dispense within 10 sec.



11. Pack and contour. Avoid moisture contamination and dry-out



12. Ensure complete set of EQUIA® Fil and carefully remove the ring. Use a probe to separate the bond between matrix and EQUIA® Fil



13. Final finishing after 2 min. 30 sec. from start of mix



14. Finish the restoration by applying the EQUIA® Coat. DO NOT AIR BLOW



15. Light cure for 20 sec.

## GC Fuji IX GP EXTRA (Powder/Liquid - P/L)

### Improved Fast-Setting Packable Glass Ionomer Restorative

Advances in glass technology have resulted in the development of GC Fuji IX GP EXTRA, a high strength glass ionomer cement with a new generation of glass filler which gives a restoration with a very high translucency that changes little over time. The result is natural aesthetics never before achievable with conventional glass ionomer. GC special glass filler used in Fuji IX GP EXTRA releases three times more fluoride than GC Fuji IX GP FAST so it provides even better protection against caries. The comfortable working time combined with a fast setting time mean you can start finishing and polishing just two and a half minutes after mixing.



#### CHARACTERISTICS & BENEFITS

- Extra fluoride release
- Extra fast setting yet with ample working time
- Extra translucency for improved aesthetics
- No need for rubber dam
- Intrinsic adhesion to dentine and enamel, without the need for etching and bonding
- No need for undercutting, allowing tooth-conserving preparation
- Can be used with metal matrices for easy contouring
- Single step placement
- Good radiopacity, facilitating postoperative diagnosis
- Excellent biocompatibility

#### INDICATIONS

GC Fuji IX GP EXTRA is ideal for permanent or temporary Class I and II restorations in children's teeth, non-load-bearing Class I and II restorations in adult teeth, Class V and root surface restorations, core build-up and for use with a composite or an inlay in the immediate or delayed sandwich technique.

#### PACKAGES

GC Fuji IX GP EXTRA P/L					
005074	Intro Package, 1-1 Pack A2 (15g powder, 6.4ml liquid)				
005075	Intro Package, 1-1 Pack A3 (15g powder, 6.4 ml liquid)				
<b>Refill: 15 g powder</b>					
005078	A1	005081	A3.5	005084	B3
005079	A2	005082	B1	005085	C4
005080	A3	005083	B2		
005072	6.4ml (8g) liquid				
GC Fuji IX GP EXTRA CAPS (mixed volume per capsule 0.14 ml)					
<b>Refill: Box of 50 capsules</b>					
002533	Assorted	002536	A3	002539	B2
002534	A1	002537	A3.5	002540	B3
002535	A2	002538	B1	002541	C4
<b>Accessories</b>					
002559	GC Capsule Applier IV, 1 pce				

## GC Fuji IX GP & Fuji IX GP FAST



### Normal And Fast-Setting Packable Glass Ionomer Restorative

The packable non-sticky consistency of GC Fuji IX GP makes it ideal to be used in Class I, II & V restorations, as base or as core build-up material. The genuine glass ionomer properties, in combination with the ease of use, ensure that GC Fuji IX GP can meet all your demands of modern restorative materials.

#### CHARACTERISTICS & BENEFITS

- Easy-to-use packable posterior glass ionomer with high wear resistance
- No need for rubber dam
- Intrinsic adhesion to dentine and enamel, without the need for etching and bonding
- Can be used with metal matrices for easy contouring
- Single step placement
- Good radiopacity, facilitating postoperative diagnosis
- Excellent biocompatibility

#### Specific features of GC Fuji IX GP FAST:

- Shorter setting time with final finishing only 3 min. after start of mix
- Thicker consistency for easy packing
- Stronger for improved longevity

#### HOW TO USE

GC Fuji IX GP FAST is often chosen when the final treatment plan has not been decided on. Many treatments are possible: a sandwich technique with a composite material, an inlay or simply the glass ionomer filling itself.

#### PACKAGES

GC Fuji IX GP P/L					
000153	Intro Package, 1-1 Pack, A3 (15 g powder & 6.4 ml liquid)				
Refill: 15 g powder					
000158	A2	000161	B2	000163	C4
000159	A3	000162	B3	000164	6.4
000160	A3.5				
000164	6.4 ml liquid				
GC Fuji IX GP CAPS (mixed volume per capsule 0.14 ml)					
Refill: Box of 50 capsules					
000166	A2	000168	A3.5	000170	B3
000167	A3	000169	B2	000171	C4
GC Fuji IX GP Fast CAPS (mixed volume per capsule 0.14 ml)					
Refill: Box of 50 capsules					
000222	A1	000214	A3.5	000216	B3
000212	A2	000215	B2	000217	C4
000213	A3				
GC Fuji IX GP/Fast Accessories					
002559	GC Capsule Applier IV, 1				

For all information, consult the instructions for use.

## GC Fuji II LC Improved



### Light-Cured Glass Ionomer Restorative

GC Fuji II LC Improved is the worldwide leading light-cured glass ionomer restorative. Although designed primarily as a restorative material for use in Class III, V and deciduous teeth, GC Fuji II LC Improved is a multipurpose material, with secondary indications such as liner, base and core build-up.

#### CHARACTERISTICS & BENEFITS

- Small particles offering excellent aesthetics and polishability
- Higher filler loading for significantly improved abrasion resistance

- Good radiopacity to facilitate postoperative diagnosis
- Self-adhesive and hydrophilic
- Available in 11 Vita® shades

#### PACKAGES

GC Fuji II LC Improved P/L					
900018	Intro Package, 3-2 Pack (3 x 15 g powder: A2, A3, B3 & 2 x 6.8 ml liquid)				
Refill: 15 g powder					
000195	A1	000199	A4	000203	C2
000196	A2	000200	B2	000204	C
000197	A3	000201	B3	000205	D2
000198	A3.5	000202	B4		
000206	6.8 ml liquid				
GC Fuji II LC CAPS (Box of 50 capsules, mixed volume per capsule 0.10ml)					
000137	Assortment (A4, B2, B3, B4, C2, D2)				
000138	A1	000142	A4	000146	C2
000139	A2	000143	B2	000147	C4
000140	A3	000144	B3	000148	D2
000141	A3.5	000145	B4		
GC Fuji II LC Improved accessories					
002559	GC Capsule Applier IV, 1 pce				

For all information, consult the instructions for use.

## GC Fuji VIII GP



### Auto-Cured Resin-Reinforced Glass Ionomer Restorative

Glass ionomer restorative with improved physical and aesthetic properties make it the material of choice for Class III, V and root surface restorations. GC Fuji VIII GP is a truly economical product.

#### CHARACTERISTICS & BENEFITS

- Reliable long-lasting bond strength due to strong chemical adhesion
- Good translucency without light-curing
- Special formula with specific resins making it ideal for anterior restorations
- Good diametral tensile strength (30 MPa) and high flexural strength (52 MPa)
- Reaches 90% of its mechanical properties within just 10 min.
- Plus all the advantages of a GIC

#### PACKAGES

GC Fuji VIII GP P/L (1-1 pack, 15 g powder, 6.8 ml liquid)					
001870	A2	001872	A3.5	001874	B3
001871	A3	001873	B2	001875	C4
GC Fuji VIII GP CAPS (Box of 50 capsules mixed volume per capsule 0.10 ml)					
001869	Assorted	001865	A3.5	001867	B3
001863	A2	001866	B2	001868	C4
001864	A3				
001882	8 g liquid				
Accessories					
002559	GC Capsule Applier IV, 1 pce				

## GC Fuji LINING LC Paste Pak



### Paste-Paste Light-Cured Glass Ionomer Lining Material

Paste-paste light-cured resin modified GIC for all your fast and reliable linings. Combines accurate dispensing with magnificent handling.

#### CHARACTERISTICS & BENEFITS

- Simple, accurate dispensing
- Very easy bubble-free mixing
- Easy adaptation to cavity walls without slumping
- Thin film thickness
- Excellent bond to tooth structure without conditioning
- Tight bond to composite resin

#### PACKAGES

GC Fuji LINING LC Paste Pak	
001887	Paste Pak Cartridge, 7 g / 4.7 ml & mixing pad
GC Fuji Lining LC Paste pak Accessories	
001573	Paste Pak Dispenser

## GC Fuji LINING LC



### Light-Cured Glass Ionomer Lining Material

Powder-liquid type of light-cured cement for fast linings under amalgam, composite and ceramic.

#### CHARACTERISTICS & BENEFITS

- Light-curing and fast setting time (30 sec. VLC)
- Low water-solubility, unaffected by moisture
- Excellent bonding to tooth structure, offering a durable marginal seal
- Radiopaque for easy post-operative diagnosis

#### PACKAGES

GC Fuji LINING LC	
000021	Intro Package, 1-1 Pack (10 g powder, 6.8 ml liquid & accessories)
Refill	
000022	10 g powder
000128	6.8 ml liquid

## GC Cavity Conditioner



### Cavity Cleaning Agent

A mild 20% polyacrylic conditioner which removes the smear layer and conditions tooth surfaces.

### PACKAGES

GC Cavity Conditioner	
000110	5.7 ml liquid

### CHARACTERISTICS & BENEFITS

- Cleans the surface effectively to achieve optimal chemical adhesion
- Creates mechanical retention
- Lower risk of post-operative sensitivity
- Enhances the marginal seal
- Blue tint for application control

### HOW TO USE

Apply with a pellet for 10 sec., rinse with water, dry without desiccating and apply the glass ionomer.

## GC Dentin Conditioner



### Cavity Cleaning Agent

The 10% polyacrylic acid solution cleans tooth surfaces to improve adhesion of glass ionomers.

### PACKAGES

GC Dentin Conditioner	
000120	23.8 ml liquid

### CHARACTERISTICS & BENEFITS

- Improves the marginal seal for increased longevity of the restoration
- Leaves smear plugs in the tubules to decrease the risk of post-operative sensitivity
- Blue tinting for application control

### HOW TO USE

Apply with a pellet for 20 sec., rinse with water, dry without desiccating and apply the glass ionomer.

## GC Caviton



### Temporary Filling Material

Temporary filling material for standard cavities and after endodontic treatments.

### PACKAGES

GC Caviton	
000286	White, 30 g container

### CHARACTERISTICS & BENEFITS

- Setting initiated by water and saliva
- Excellent adaptability
- Easy to remove

## GC G-Coat PLUS



### Nanofilled Self-Adhesive Light-Cured Protective Coating

GC G-Coat PLUS is a single dispersion nano-filled protective coating for glass ionomer, composite and temporary restorations. The liquid glaze ensures strength, toughness and protection. No longer is there a need for the final polishing as GC G-Coat PLUS provides long lasting gloss and perfect smoothness in a simple three step application.

### CHARACTERISTICS & BENEFITS

- Provides surface smoothness which reduces the risk of staining on all kinds of restoratives such as GICs and composites
- Protects the margin of tooth and restorative
- Prevents the initial sensitivity of GICs to water
- Improves wear resistance, especially for glass ionomer products
- Compatible with different types of light-curing units

### INDICATIONS

- Glass ionomer restorations
- Composite restorations
- Temporary crowns
- Existing restorations
- Protection restorative – tooth margin

### HOW TO USE

- Dispense 1 drop.
- Apply on the restoration.
- Light-cure for 20 sec.  
(Do not air blow)

### PACKAGES

GC G-Coat Plus	
002583	Starter Kit, Bottle (bottle 4 ml, 20 dispensing dishes, 50 micro-tips applicator & 1 applicator holder)

## GC Dia Polisher Paste



### Diamond Polishing Paste For Composite and Porcelain

Used as a final step after the usual polishing procedures, GC DiaPolisher Paste will provide a higher gloss to any direct and indirect composite restorations, thereby enhancing the aesthetic results. Polishing of occlusal surfaces as well as the maintenance of existing composite restorations becomes so much easier.

### CHARACTERISTICS & BENEFITS

- Superfine diamond particles (1µm) offer the highest effectiveness in a short time
- Perfect glossy surface for beautiful results
- Effective in avoiding plaque attachment and discolouration
- Easy to wash off with water
- Fresh mint flavour

### HOW TO USE

Polish composite or porcelain surfaces using moderate speed and pressure with a cup or a brush.

### PACKAGES

GC Dia Polisher Paste, 2 g	
004415	Dia Polisher Paste

## GC New Metal Strips



### Finishing Strips

Metal strips electro-plated with aluminium-oxide particles for approximal contouring, finishing and polishing of all kind of restoratives.

### PACKAGES

GC New Metal Strips	
000267	Assortment (2.6 mm, 3.3 mm, 4.0 mm), 12 pcs (1 pce of each grain and width)
<b>Assorted refill: 12 pcs (4 pcs of each width)</b>	
000251	Red mesh (rough preparation), N.200
000255	Blue mesh (preparation), N.300
000259	Green mesh (finishing), N.600
000263	Yellow mesh (polishing), N.1000
<b>Refill: 6 mm, 12 pcs</b>	
000268	Red mesh (rough preparation), N.200
000269	Blue mesh (preparation), N.300
000270	Green mesh (finishing), N.600
000271	Yellow mesh (polishing), N.1000

### CHARACTERISTICS & BENEFITS

- Very flexible and tear resistant
- Very thin to reach between tight interproximal contacts
- Autoclavable and easy to clean
- Various grades and various widths

## GC EpiteX



### Finishing And Polishing Strips

Strip for contouring, finishing and polishing in interproximal spaces, suitable for glass ionomers and composites.

### CHARACTERISTICS & BENEFITS

- Extremely thin and flexible material, offering excellent adaptability even between tight interproximal contacts
- Very tear resistant
- Abrasive particles are firmly embedded into the strip surface
- Available in four grades
- Handy strip dispenser
- Also available as matrix strips

### INDICATIONS

- Coarse = preparation
- Medium = final preparation
- Fine = finishing
- Extra fine = polishing

### PACKAGES

GC EpiteX	
000404	Starter Kit, stand with dispenser of each grain
000409	Translucent matrix, 10 m
000405	Coarse (blue), 10 m
000407	Medium (green), 10 m
000406	Fine (grey), 10 m
000408	Extra fine (red), 10 m

# Prosthetic dentistry for the dentist

## THE RIGHT PRODUCTS FOR YOUR PROSTHETIC PROCEDURES...

Every dentist knows how important it is to take an accurate impression, since this will be THE key element ensuring perfect fitting prosthetics. The right impression material and a good impression taking technique make the whole prosthetic process smoother and faster.

GC is proud to present a new and innovative way of impression taking with a new chemistry that allows excellent impressions to be taken under every condition. Achieving perfect impressions for perfectly fitting restorations under unpredictable circumstances is now possible for every dental professional with **GC EXA'lence**.

Besides our new VPES materials, we also continue offering our proven line of thixotropic hydrophilic silicone based impression materials for all popular impression techniques.

With its advanced lead and dust-free formula of ultra-fine alginate-particles, **GC Aroma Fine PLUS** offers smooth surfaces for exceedingly accurate impressions. The excellent powder-water affinity makes it very easy and quick to mix.

To ensure restorations fit first time, it is necessary to use the right impression material but it is of paramount importance to choose the right tray as well. Whether you are looking for a dentulous, edentulous or closed-bite tray, we have exactly the tray that fits your requirements. After all, GC offers the widest range of stock trays available in Europe.

Following years of expertise with **GC Fit Checker**, GC is now introducing **GC Fit Checker Advanced** and **GC Fit Checker Advanced Blue**. Based on the VPES technology also used in **GC EXA'lence**, we present these new fit checking materials: ultra fine thickness and transparency for perfect and precise fit checking as well as a very sharp and short setting time.

Added to that, new features such as increased hardness for easy trimming and removing and the special blue colour for easy checking on ceramic materials make them a material you always want to have in your drawer.

With documented evidence over more than 30 years, GC has earned its place in the field of permanent cementation of prosthetics works. From conventional glass ionomer over resin modified GICs to self-adhesive resins; whether you are looking for a solution for routine luting of metal based restorations up to the more demanding procedures like resin or reinforced ceramic restorations, GC has the answer. Do you prefer hand-mixing powder liquid cement, versatile GC Automix paste-paste formula or precise capsule delivery systems? GC offers you the best performing products in different user-friendly delivery forms. Glass ionomers from GC are today's first choice for routine luting, also in the field of orthodontics where they have proven to be very successful for several years.

In restorative dentistry there is often a need for temporary solutions. Whether you are looking to create single shade temporaries or multilayer aesthetic long term temporaries, GC can offer you a range of self-curing and light-curing state-of-the-art materials.

Last but not least GC's comprehensive range of top-end relining products consisting of products based on advanced acrylic and silicone technology, providing you with an option for all your patients' individual needs. Classic indications like sensitive mucosa, pressure points, sharp or bony alveolar ridges and undercuts or non fitting dentures, they all deserve a straightforward, one-step solution. That's exactly what GC's portfolio of tissue conditioning and relining products can offer.



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# GC EUROPE

## GC G-CEM LinkAce

### Self-Adhesive Resin Luting Cement In Automix Delivery

GC G-CEM LinkAce is a dual-cure self-adhesive universal resin cement delivered in double barrel automix syringe, designed for the adhesive luting of all-ceramic, metal or composite indirect restorations. Offering the highest polymerization in self-cure mode, G-CEM LinkAce ensures perfect results, regardless of the type of prosthetic material that is being cemented. The proprietary phosphate monomers of G-CEM LinkAce guarantee an unsurpassed bonding durability. The high wear resistance and colour stability give peace of mind when luting CAD-CAM and metal-free restorations.



#### CHARACTERISTICS & BENEFITS

- Highly efficient self-curing mode
- Excellent bonding property to all modern restorative materials
- High bond-strength to dentine and enamel in both self-cure and dual-cure modes
- No need for pre-conditioning on the tooth structure
- Fluoride release for additional security
- No post-operative sensitivity
- Excellent colour stability
- Lowest linear expansion
- Adequate radiopacity
- No need for refrigeration

#### INDICATIONS

Cementation of all types of all ceramic, resin and metal-based inlays, onlays, crowns and bridges.  
Cementation of metal, ceramic, fiber posts, and cast post and cores.

#### PACKAGES

GC G-Cem LinkAce (4.6 g - 2.7 ml) per syringe	
004857	A2, 2 syringes, 15 Automix Tips Regular, 5 Automix Tips for Endo
004858	Translucent, 2 syringes, 20 Automix Tips Regular, 5 Automix Tips for Endo
004859	AO3, 2 syringes, 15 Automix Tips Regular, 5 Automix Tips for Endo
004860	BO1, 2 syringes, 15 Automix Tips Regular, 5 Automix Tips for Endo
GC G-Cem LinkAce Accessories	
900668	GC Automix Tip Regular, 10 pcs
900495	GC Automix Tip for Endo, 10 pcs

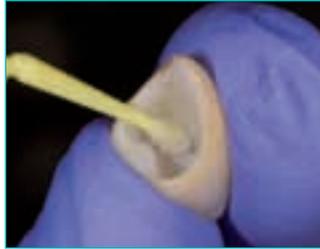
## STEP-BY-STEP GC G-CEM LinkAce

1. No need for etching or bonding steps



Clean, rinse and dry the prepared tooth.

2. Strong bond to all restorations



Prepare the restoration according to the manufacturer's instructions.

3. One-step automix dispensing



Extrude the material directly into the restoration.

4. Extremely thin film thickness (3 µm) for perfect seat



Seat the restoration and maintain moderate pressure.

5. Fast and time saving procedure



Tack cure each surface for 1 sec. only or let it self-cure until it feels rubbery.

6. Ideal consistency for easy excess removal



Remove excess cement.

7. Aesthetic & strong final result



Polish the margins if necessary.

Dr. Javier Tapia Guadix,  
Madrid, Spain

## G-CEM Capsule



### Self-Adhesive Resin Luting Cement In Capsules

GC G-CEM is a dual-cure self-adhesive universal resin cement delivered in capsules, designed for the adhesive luting of all-ceramic, metal or composite indirect restorations. GC G-CEM combines the improved handling and self-adhesion of conventional cements with the superior mechanical properties, adhesion and aesthetics of resin cements.

#### CHARACTERISTICS & BENEFITS

- Excellent bonding property to restorative materials, including zirconium and lithium disilicate ceramics
- High bond-strength to enamel and dentin in both self-cure and light-cure modes
- No need for pre-conditioning on the tooth structure
- Direct delivery into the root canal with special elongation tip
- Long-term stability and colour stability since there is no dissociation after curing
- Lowest linear expansion

#### INDICATIONS

All ceramic and composite crowns, bridges, inlays and onlays.  
Metal and porcelain fused to metal crowns, bridges, inlays and onlays.  
Cementation of metal, ceramic, fiber posts, cast post and cores.

#### PACKAGES

GC G-CEM CAPS (Box of 50 capsules, mixed volume per capsule 0.17 ml)					
002588	Assortm.	002585	AO3	002587	BO1
002584	A2	002586	Translucent		
GC G-CEM capsules Accessories					
004414	GC capsule elongation tip, 10 pcs				
002559	GC Capsule Applier IV, 1 pce				

## GC FujiCEM 2

### Resin Modified Glass Ionomer Luting Cement

New GC FujiCEM 2 is the result of an entire decade of continuous improvements along with the solid reputation of more than 150 million crowns cemented worldwide. Powered by the innovative Force & Fusion Technology, GC FujiCEM 2 rewards dentists with the assurance of a successful treatment. New FujiCEM 2 combines the best in handling characteristics and physical properties for your total peace of mind. Whether you are in favour of automix or handmix, prefer a clicker type or syringe type of dispenser .... GC FujiCEM 2 offers it all in 1 product.



#### CHARACTERISTICS & BENEFITS

- Choose your preferred dispenser: clicker-type metal Paste Pak Dispenser or syringe-type plastic FujiCEM 2 Dispenser
- Choose your preferred manipulation: automix or handmix
- Differentiated colour of pastes A and B for a visual control to achieve a homogenous mix.
- A film-thickness, under seating pressure, of only 10 µm for improved fit
- New high elastic cross linking monomer with better resistance to the challenges of occlusal loads
- Clinically insoluble chemical bonding with guaranteed adhesive strength
- No post-operative sensitivity
- Optimal fluoride release

#### INDICATIONS

GC FujiCEM 2 is a cost effective material that accommodates a broad range of indications:

- Metal and porcelain fused to metal (PMF) crowns and bridges
- High strength all ceramic (zirconia) crowns and bridges
- Composite inlays, onlays, crowns and bridges
- All ceramic inlays
- Metal, ceramic and fiber posts

#### PACKAGES

GC FujiCEM 2 (13.3 g/7.2 ml per cartridge)	
<b>Intro kits</b>	
900624	2 Paste Pak Cartridges + Paste Pak Dispenser (metal)
900625	2 Paste Pak Cartridges + FujiCEM 2 Dispenser (plastic)
900626	2 paste Pak Cartridges + 44 mixing tips + Paste Pak Dispenser (metal)
900627	2 Paste Pak Cartridges + 44 mixing tips + FujiCEM 2 Dispenser (plastic)
<b>Refill</b>	
004599	2 Paste Pak Cartridges
004600	2 Paste Pak Cartridges & 44 mixing tips
<b>GC FujiCEM 2 Accessories</b>	
001573	Paste Pak Dispenser (metal)
004647	GC FujiCEM 2 Dispenser (plastic)
900446	GC FujiCEM 2, mixing Tip refill

## GC Fuji PLUS (EWT)



### Resin Modified Glass Ionomer Luting Cement

The outstanding performance, and the availability in various shades makes GC Fuji PLUS a multi-purpose cement. GC Fuji PLUS EWT has an extended working time for luting long-span bridge work, combination work and luting of several restorations in one step.

#### CHARACTERISTICS & BENEFITS

- Easy mixing and handling like a conventional cement with similar mechanical properties to resin cements
- Intrinsic adhesion to tooth structure to eliminate complex and moisture sensitive bonding procedures
- Minimal film thickness for easy seating and improved fit
- No post-operative sensitivity
- Very low solubility to maintain marginal seal
- Radiopacity for facilitated diagnosis

#### INDICATIONS

GC Fuji PLUS is multi-purpose and able to cement metal-based restorations, ceramic inlays, reinforced ceramic crowns and bridges and all types of acrylic/resin crowns, inlays, onlays and bridges.

#### PACKAGES

GC Fuji PLUS P/L			
001409	Intro Package, full set A3 (15 g powder, 7 ml liquid, 6.5 ml conditioner & accessories)		
Refill			
000219	Yellow, 15 g powder	000231	EWT, A3, 15 g powder
001410	Translucent, 15 g powder	000220	7 ml liquid
001411	A3, 15 g powder	000221	Conditioner, 6.5 ml
GC Fuji PLUS CAPS (Box of 50 capsules mixed volume per capsule 0.19 ml)			
000222	Yellow	001418	A3
GC Fuji Plus Accessories			
002559	GC Capsule Applier IV, 1 pce		

## GC Fuji I



### Glass Ionomer Luting Cement

More than 25 years of documented use has proven GC Fuji I to be safe and effective for many routine luting procedures.

#### CHARACTERISTICS & BENEFITS

- Compatible with pulp and tissue, with reduced risk of post-operative sensitivity
- Excellent adhesion offering a durable marginal seal
- Extended working time, good mixing properties and comfortable handling
- Reduced particle size
- Easy seating of restoration
- Fast setting
- Excellent radiopacity
- Long-term fluoride release

#### INDICATIONS

GC Fuji I is ideal for basic routine luting of metal-based restorations.

#### PACKAGES

GC Fuji I P/L			
000136	Intro Package, 1-1 Pack Light Yellow (35 g powder, 20 ml liquid, accessories)		
Refill			
000134	Light Yellow, 35 g powder		
000135	20 ml liquid		
GC Fuji I CAPS (Box of 50 capsules, mixed volume per capsule 0.19 ml)			
000240	Light Yellow		
GC Fuji I P/L Accessories			
002559	GC Capsule Applier IV, 1 pce		

## GC Fuji TEMP LT



### Paste-Paste Provisional Glass Ionomer Luting Cement

The first paste-paste conventional glass ionomer cement especially designed for long-term temporary cementation. It provides stable retention while ensuring the future safe removal of indirect restorations.

#### CHARACTERISTICS & BENEFITS

- Non-runny consistency and low film thickness
- Easy removal of excess
- Stable and reliable performance for long-term provisional cementation
- High fluoride release and recharge
- Easy to clean up from abutment surface
- No negative influence on final adhesive cementation
- Radiopaque

#### PACKAGES

GC Fuji TEMP LT	
004253	2 x Paste Pak Cartridge 13.3 g (7.2 ml) & mixing pad
001573	Paste Pak Dispenser

#### INDICATIONS

Long-term temporary cementation of all types of all-ceramic, resin, acrylic and metal-based crowns and bridges. Especially adapted to ensure sufficient retention and retrievability of crowns and bridges cemented on implant abutments.

## GC Freegenol



### Temporary Luting Cement

Eugenol-free luting cement for temporary crowns, bridges and prosthetic appliances.

#### CHARACTERISTICS & BENEFITS

- Eugenol-free, no negative effect on polymerisation of resin containing materials
- Consistency can be adjusted
- Easy to remove from crowns and cores
- Special cleaner included

#### HOW TO USE

Setting time can be adjusted: more base, faster set; less base, slower set.

#### PACKAGES

GC Freegenol	
000087	1-1 Pack (55 g base, 20 g accelerator, 2.5 ml cleaner & accessories)

## GC Pliers



### Pliers For Removal Of Prosthetic Appliances

For trial fitting or removal of (temporary) prosthetic appliances.

#### CHARACTERISTICS & BENEFITS

- Optimal ergonomic design for better control of forces
- Secure grip
- Changeable rubber pads, which do not damage prosthetic appliances
- Emery powder to optimise grip

#### PACKAGES

GC Pliers	
800111	GC Pliers with accessory set (50 rubber packing pads & 4 g emery powder)
000237	Accessory Set (50 rubber packing pads, 4 g emery powder)

## Application guide

Luting Cement Products from GC – Indications Guide		Fuji I		FujiCEM 2	Fuji PLUS			G-CEM LinkAce	G-CEM
Cement Type		Conventional Glass Ionomer		Resin Modified Glass Ionomer	Resin Modified Glass Ionomer			Self-adhesive Resin Cement	Self-adhesive Resin Cement
Delivery Mode		P/L and Capsule		Handmix and Automix	P/L & Capsule			Automix	Capsule
Metal / PFM	Inlays / Onlays	✓		✓		✓		✓	✓
	Crowns	✓		✓		✓		✓	✓
	Bridges	✓		✓		✓		✓	✓
	Endodontic Posts	✓		✓		✓		✓	✓
Ceramics – Low strength	Inlays / Onlays	✗		✓		✓		✓	✓
	Crowns	✗		✗		✗		✓	✓
	Bridges	✗		✗		✗		✓	✓
	Veneers	✗		✗		✗		✗	✗
Ceramics – High Strength (Aluminium, Zirconia, Lithium disilicate)	Crowns	✓		✓		✓		✓	✓
	Bridges	✓		✓		✓		✓	✓
	Endodontic Posts	✗		✓		✓		✓	✓
Composite / Reinforced Polymer	Inlays / Onlays	✗		✓		✓		✓	✓
	Crowns	✗		✓		✓		✓	✓
	Bridges	✗		✓		✓		✓	✓
	Endodontic Posts	✗		✓		✓		✓	✓
		Fuji I	Fuji I CAPS	FujiCEM 2	Fuji PLUS	Fuji PLUS <sup>EWT</sup>	Fuji PLUS CAPS	G-CEM LinkAce	G-CEM Capsule
Mixing time, min./sec.	20"	10"	10"-15"	20"	20"	10"	10"-15"	10"	
Working time, min./sec. (from start of mixing)	2'	2'15"	2'15"	2'30"	3'30"	2'	3'30"	2'30"	
Final finishing commencing time, min./sec. (after seating the restoration)	4'30"	4'30"	4'30"	4'30"	5'45"	4'15"	4'30"	4'	

## GC Fuji ORTHO LC Paste Pak Automix

### Paste-Paste Light Curing Glass Ionomer For Orthodontic Bonding

The renowned GC Fuji ORTHO LC is also available in GC's ultra-convenient automix delivery system. This means that besides the comfort of light-curing, you can also enjoy the freedom of choice of quantity, but always with guaranteed correct mixing ratios. The well-balanced bond strength ensures that brackets will be reliably retained throughout the treatment but are nevertheless easy to remove. In addition, the enamel is protected by the sustained and rechargeable fluoride release and as such, the risk of white spots developing during orthodontic treatment is significantly reduced.



#### CHARACTERISTICS & BENEFITS

- Cartridge delivery system reduces preparation time
- Optimal handling with choice between easy handmix or automix
- Controlled dosage ensuring the right quantities for every indication
- Convenient direct application on brackets using the automix tips
- Light-curing within 20 sec.
- Excellent adhesion, even in a moist environment
- Optimal fluoride release
- Easy removal of brackets, avoiding enamel fractures

#### PACKAGES

GC Fuji ORTHO LC Paste Pak Automix	
003102	Starter set (1 x 13.3 g (7.2 ml) Cartridge, 20 x GC Mixing Tip For LC, 2 x 1.4 g (1.2 ml) GC ORTHO Gel Conditioner, 15 x Brush tips)
Refill	
003103	2 x 13.3 g (7.2 ml) GC Paste Pak Cartridge
GC Fuji ORTHO LC Paste Pak Automix Accessories	
900549	20 x Mixing Tip for LC
001573	Paste Pak Dispenser

## GC Fuji ORTHO LC



Light Curing Glass Ionomer For Orthodontic Bonding

For bonding of orthodontic brackets and bands, light-curing provides extended working comfort.

### CHARACTERISTICS & BENEFITS

- Light-curing within 40 sec.
- Excellent adhesion, even in a moist environment
- Easy application
- Easy removal of orthodontic appliances, avoiding enamel fractures
- Long-term fluoride release
- No discolouration

### PACKAGES

GC Fuji ORTHO LC P/L	
000027	Introductory Package, (15 g powder; 6.8 ml liquid & accessories)
Refill	
000029	40 g powder
000030	6.8 ml liquid
GC Fuji ORTHO LC CAPS (mixed volume per capsule 0.10ml)	
000034	Box of 50 capsules
001820	Conditioner, 23.8 ml liquid
Accessories	
002559	GC Capsule Applier IV, 1 pce

## GC Fuji ORTHO



Self-Curing Glass Ionomer For Orthodontic Bonding

An ideal combination of the properties of composites and GICs for bonding orthodontic appliances.

### CHARACTERISTICS & BENEFITS

- Excellent adhesion, even in a moist environment
- Easy application
- Easy removal of orthodontic appliances without damage to enamel
- Self-curing
- Long-term fluoride release
- No discolouration

### PACKAGES

GC Fuji ORTHO P/L	
000208	Intro Package, 1-2 Pack (1 x 40 g powder, 2 x 6.8 ml liquid & accessories)
Refill	
000209	40 g powder
000210	6.8 ml liquid
001820	Conditioner, 23.8 ml liquid

## GC Fuji ORTHO BAND LC Paste Pak (Automix compatible)

### Paste-Paste Light Curing Glass Ionomer For Bonding Bands

The light-curing GC Fuji ORTHO BAND LC Paste Pak is especially developed for the bonding of bands and appliances. The material is easy to mix because it comes in GC's ultra-convenient Paste Pak system. The blue colour and the controlled setting by light-curing all add up to an orthodontic cement that is convenient to apply. The well balanced bond strength makes that bands and appliances will be reliably retained throughout the treatment but are nevertheless easily removed. In addition, the sustained and rechargeable fluoride help to protect the enamel and reduces the risk of white spots occurring during orthodontic treatment.



#### CHARACTERISTICS & BENEFITS

- For bonding of bands and appliances
- Cartridge delivery with controlled dosage ensuring the right quantities for every indication
- Convenient direct application on bands using the automix tip
- Choice between self-curing or light-curing for controlled setting
- Adapted working time of 5''30'
- Optimal handling
- Blue colour for controlled application and removal
- Light-curing within 20 sec.
- High fluoride release
- Excellent adhesion, even in a moist environment
- Easy removal of orthodontic appliances, avoiding enamel fractures

#### PACKAGES

GC Fuji ORTHO Band LC Paste Pak	
003105	2 x 13,3 g (7.2ml) Cartridge, GC Mixing Pad N°22
GC Fuji ORTHO Band LC Paste Pak Accessories	
001573	Paste Pak Dispenser
900549	Mixing Tip for LC, 20 pcs

## GC Fuji ORTHO BAND Paste Pak



Paste-Paste Glass Ionomer  
For Bonding Bands

The first paste-paste orthodontic cement in the world, combining expertise in both ortho cements and paste-paste cements.

### CHARACTERISTICS & BENEFITS

- For bonding of bands and appliances
- Paste Pak cartridge delivery
- Film thickness of just 3µm
- Optimal handling
- High fluoride release
- Blue colour
- Easy removal during application and after debonding

### PACKAGES

GC Fuji ORTHO BAND Paste Pak	
001888	Box of 2 Paste Pak Cartridges, 2 x 13.3 g / 7.2 ml & mixing pad
GC Fuji ORTHO BAND Paste Pak Accessories	
001820	Conditioner, 23.8 ml liquid
001573	Paste Pak Dispenser

## GC ORTHO Gel Conditioner



Orthodontic Cleaning Agent

Unique 20% polyacrylic acid gel conditioner designed to mildly condition the enamel before application of a GC orthodontic luting cement. The gel conditioner will clean the surface effectively to achieve increased levels of chemical adhesion, but without causing damage to the enamel. The conditioner is delivered in a syringe with brush tips for easy application

### CHARACTERISTICS & BENEFITS

- Increases bond strength without damaging enamel
- Available in a syringe with brush tips for easy application
- Blue tint for application control

### HOW TO USE

Clean tooth surface with pumice and water and then apply GC ORTHO Gel Conditioner for 10 sec. Rinse thoroughly. Remove excess moisture with wet cotton roll to avoid dehydrating the surface.

### PACKAGES

GC ORTHO Gel Conditioner	
003104	3 x 1.4 g (1.2 ml) Syringe, 25 x Brush tip

## GC EXA'lence

### Vinyl Polyether Silicone Impression Material

With the introduction of GC EXA'lence GC has been able to develop the ideal solution for all of your clinical situations and to remove the dilemmas involved in selecting an impression material. The combination of intrinsic hydrophilicity and tear strength into one impression material ensures that from now on you will be able to take excellent impressions in every condition. The EXA'lence range sees GC meeting the demands of both dentists and technicians by providing a complete system with different viscosities and setting times. Achieving perfect impressions for perfectly fitting restorations in unpredictable circumstances is now possible for every dental professional.



#### CHARACTERISTICS & BENEFITS

- Intrinsic hydrophilicity ensures wettability of the material before setting for a perfectly detailed capture, even under wet conditions
- Remains hydrophilic after setting, for the highest precision when pouring of the model
- High tear strength eliminates the risk of damage during removal of the impression from the mouth and during removal of the model from the impression
- Long working time and short setting time
- Pleasant mild mint taste for the patient
- Easy to read colour contrast between the different viscosities

#### PACKAGES

GC EXA'lence	
<b>GC EXA'lence Regular Set 48 ml Cartridge</b>	
137907	Extra Light Body, 2 cartridges, 6 mixing tips size SS (yellow)
137908	Light Body, 2 cartridges, 6 mixing tips size SS (yellow)
137916	Medium Body, 2 cartridges, 6 mixing tips size L (blue)
137904	Heavy Body, 2 cartridges, 6 mixing tips size L (blue)
137905	HeavyRigid Body, 2 cartridges, 6 mixing tips size L (blue)
<b>GC EXA'lence Fast Set 48 ml Cartridge</b>	
137912	Extra Light Body, 2 cartridges, 6 mixing tips size SS (yellow)
137913	Light Body, 2 cartridges, 6 mixing tips size SS (yellow)
137911	Medium Body, 2 cartridges, 6 mixing tips size L (blue)
137909	Heavy Body, 2 cartridges, 6 mixing tips size L (blue)
137910	HeavyRigid Body, 2 cartridges, 6 mixing tips size L (blue)
<b>GC EXA'lence Putty, 500 g (278 ml) Base, 500 g (278 ml) Catalyst</b>	
137810	Standard 1-1 Pack with accessories
137866	Clinic 5-5 Pack with accessories
<b>GC EXA'lence 370, Regular Set, 370 ml Cartridge</b>	
137871	Standard Kit, Medium Body, 1 cartridge, 10 Dynamic Mixing Tips, 1 Bayonet Locking Ring
137274	Refill Medium Body, 2 cartridges
137868	Clinic Pack, Medium Body, 6 cartridges
137872	Standard Kit, Heavy Body, 1 cartridge
137273	10 Dynamic Mixing Tips, 1 Bayonet Locking Ring
137867	Refill Heavy Body, 2 cartridges
<b>GC EXA'lence 370, Fast set, 370 ml Cartridge</b>	
137874	Standard Kit, Medium Body, 1 cartridge, 10 Dynamic Mixing Tips, 1 Bayonet Locking Ring
137272	Refill Medium Body, 2 cartridges
137860	Clinic Pack, Medium Body, 6 cartridges
137873	Standard Kit, Heavy Body, 1 cartridge, 10 Dynamic Mixing Tips, 1 Bayonet Locking Ring
137271	Refill Heavy Body, 2 cartridges
137869	Clinic Pack, Heavy Body, 6 cartridges
<b>GC EXA'lence Accessories</b>	
150004	GC Dynamic Mixing Tips, 370 ml (50)
150005	GC Bayonet Locking Rings, 370 ml (5)
138900	GC Universal Adhesive for Exa materials 7 ml
890130	GC Mixing Tips II, 60 x SS (Yellow)
900114	GC Mixing Tips II, 60 x L (Green/Blue)
800119	GC Intra-Oral Tips, 100 pcs
900483	GC Intra-Oral Tips, 100 pcs Yellow
800006	Cartridge Dispenser

## Impression techniques

### 1 STEP – 1 MATERIAL

A monophasic material is used for pressure build-up and to form a stable base. The same material is injected around the preparation to obtain a reproduction of every detail.



#### INDICATIONS

Full dentures, inlays, veneers, onlays, partial crowns, impression without preparation, pick-up impression, implants, crowns & bridges

### 1 STEP – 2 MATERIALS

Heavy Body materials provide a stable basis in the tray. Light Body or Extra Light Body (wash materials) is used to coat the tooth ensuring a perfectly detailed reproduction.

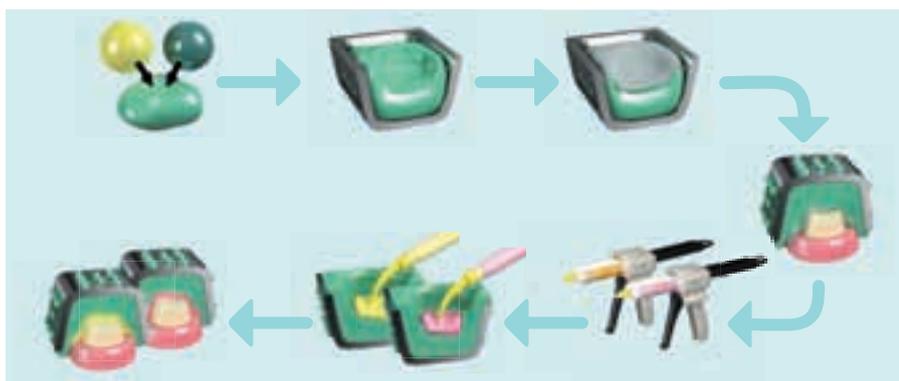


#### INDICATIONS

Inlays, veneers, onlays, partial crowns, impression without preparation, pick-up impression, implants, crowns & bridges

### 2 STEPS – 2 MATERIALS

Pre-impression is taken with a Putty material or a Heavy Body material to form a stable base. The use of GC Separation Wafer is recommended, as it excludes the need for cutting the expression. Precision is achieved by taking the second impression with an Extra Light Body or Light Body material.



#### INDICATIONS

Crowns, bridges, inlays, onlays and veneers

## GC Examix NDS & GC Exaflex Putty



### Normal Setting A-Silicone Impression Material

Thixotropic impression material for all popular impression techniques. The adapted flow, extended working time and the snap set make this an extremely easy to use A-silicone material.

#### CHARACTERISTICS & BENEFITS

- Thixotropic properties for exact detail reproduction
- High elasticity and tear resistance for easy removal
- High dimensional stability, uniform flow for problem free impression taking
- Hydrogen-scavenger formulation allows immediate pouring with gypsum

#### PACKAGES

GC Examix NDS	
137106	Injection (copper), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size S (pink)
137016	Regular (blue), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size L (blue)
137406	Monophase (purple), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size LL (purple)
GC Examix NDS Accessories	
800006	Cartridge Dispenser
GC Exaflex Putty	
138801	Putty, 1-1 Pack (500 g light blue base & 500 g yellow catalyst)
138885	Putty, 5-5 Pack (5 x 500 g light blue base & 5 x 500 g yellow catalyst)

## GC Exafast NDS & GC Exafast Putty



### Fast Setting A-Silicone Impression Materials

Family of A-silicone impression materials developed to produce consistently highly precise impressions in only around 2 min.

#### CHARACTERISTICS & BENEFITS

- Fast setting reduces time in the mouth
- Thixotropic properties, high dimensional stability and uniform flow
- High elasticity and tear resistant for easy removal from the mouth
- Hydrogen-scavenger formulation allows immediate pouring with gypsum

#### PACKAGES

GC Exafast NDS	
137107	Injection (copper), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size S (pink)
137007	Regular (blue), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size L (blue)
137407	Monophase (purple), Pack of 2 cartridges, 48 ml each & 6 mixing tips II, size LL (purple)
GC Exafast NDS Accessories	
800006	Cartridge Dispenser
GC Exafast Putty	
137307	1-1 Pack (500 g blue base & 500 g yellow catalyst)
137305	5-5 Pack (5 x 500 g blue base & 5 x 500 g yellow catalyst)

## GC Exajet



### A-Silicone Impression Material In Foil Pouches

A-silicone heavy bodied impression material specially designed to work as a complete system with GC silicone impression materials and trays.

#### CHARACTERISTICS & BENEFITS

- Optimised viscosity for a precise placement of the tray
- High elasticity offering easy removal from the mouth and easy removal of the gypsum model
- Normal and Fast setting version
- Dynamic mixing with direct activation
- Cartridge fits all standard mixing machines

#### PACKAGES

GC Exajet Normal Set	
800085	Intro, 300 ml base, 62 ml catalyst, 1 cartridge & 10 dynamic mixing tips
800086	Refill, 2 x 300 ml base & 2 x 62 ml catalyst
800087	Clinic, 6 x 300 ml base & 6 x 62 ml catalyst
GC Exajet Fast Set	
800082	Intro, 300 ml base, 62 ml catalyst, 1 cartridge & 10 dynamic mixing tips
800083	Refill, 2 x 300 ml base & 2 x 62 ml catalyst
800084	Clinic, 6 x 300 ml base & 6 x 62 ml catalyst
GC Exajet Accessories	
800088	1 Cartridge
800089	50 Dynamic Mixing Tips

## GC Aroma Fine PLUS



### Alginate Impression Material

Advanced lead- and dust-free formula of ultra-fine alginate particles.

#### CHARACTERISTICS & BENEFITS

- Excellent powder-water affinity, easier and quicker to mix
- Mixture with reduced air bubbles
- Ideal thixotropic properties so it flows easily under light pressure
- Pleasant mint flavour
- Smoother surface for exceedingly accurate impression and smooth gypsum models

#### PACKAGES

GC Aroma Fine PLUS (10 x 1 kg)	
004107	Normal Set
004108	Fast Set
GC Aroma Fine PLUS (5 x 1 kg)	
900636	Normal Set (pink)
900635	Fast Set (green)

## GC Dentulous Trays



Coated Metal, Stainless Steel and Plastic

Stock trays specially designed for use with dentate patients and available in many different sizes, shapes and types.

### CHARACTERISTICS & BENEFITS

#### Coated metal trays

- Rigid but still bendable for a more individual fit
- Resistant to sterilisation
- Welded rimlock borders allowing pressure build-up during impression taking

#### Stainless steel trays

- Resistant to sterilisation
- Welded rimlock borders allowing pressure build-up during impression taking

#### Plastic spacer trays

- Unique 'zigzag' rim to minimise cusp contact
- Rimlock borders allowing pressure build-up during impression taking
- Disposable

## GC Edentulous Trays



Coated Metal

Coated metal trays especially designed for edentate patients to match the patient's anatomical characteristics.

### CHARACTERISTICS & BENEFITS

- Rigid tray for enhanced accuracy
- Bendable metal for a more individual fit
- Perforations and welded rimlocks (on the outside of the tray) for optimal retention
- Special design to guide the alginate to all areas of the tray for optimal reproduction of hard and soft tissue
- Resistant to sterilization

### NOTE

For the daily routine, choose GC Standard Edentulous trays. To match the patient's anatomical characteristics, GC STO-K trays are available in square, tapered and ovoid shapes. For immediate dentures, choose GC McGowan trays.

## GC Closed-Bite Trays



Check-Bite Triple Function, Sideless Triple Function and Double Arch Trays

Whether you need triple function trays or bite registration trays, GC has an economical, disposable and sturdy solution in the size you are looking for.

### CHARACTERISTICS & BENEFITS

- Micro-thin, flexible mesh that neither impinges on the retromolar area, nor interferes with full closure
- Strong integral handle and framework for easy tray placement and removal
- Available in anterior and posterior styles for adequate arch coverage
- Cost-effective

### NOTE

GC Check-Bite Triple Function trays: to take a working impression, counter impression and bite registration in one procedure.  
 GC Sideless Triple Function: adjustable to 4 full arch positions.  
 GC Double Arch Tray: produce a pair of complimentary models in true occlusal relationship.

## GC Impression Separation Wafer



Polyethylene Spacer Wafer For Double Impression Techniques

The 1 mm thick polyethylene foam separation wafers create an even space in a first impression to be used later as a custom tray. With this easy technique full advantage can be taken of the elasticity of the impression material, allowing easy removal of the final impression with no permanent deformation.

### CHARACTERISTICS & BENEFITS

- Enables dentists to create a 'direct' custom tray at the chair
- The wafer creates a texture onto the surface of the impression material for extra retention
- Easy to master, no need for cutting the impression
- Only one appointment is required
- Cheaper and quicker to perform
- For both upper and lower arch impressions

### HOW TO USE

The size of the GC Separation Wafer is checked against the selected GC stock tray (preferably rigid metal). Where necessary, parts of the wafer are removed with scissors. The first impression is taken with GC Exaflex Putty or GC Exafast Putty.

### PACKAGES

GC Impression Separation Wafer	
800099	Box of 30 pcs

## GC Bite Compound



Impression Compound For Bite Registration

### CHARACTERISTICS & BENEFITS

- Low softening temperature of 53°C
- Non-sticky
- Long working time
- Checking occlusal registrations

### PACKAGES

GC Bite Compound	
001407	Box of 120 g (15 sticks, 8 g each)

## GC ISO Functional Sticks



Thermoplastic Sticks For Functional And Relining Impressions

### CHARACTERISTICS & BENEFITS

- Easy to warm up at 62°C
- Quick hardening in cold water
- Wide working area

### HOW TO USE

The registration should be taken when the material is pliable without shredding when stretched.

### PACKAGES

GC ISO Functional Sticks	
000043	Box of 120 g (15 sticks, 8 g each)

## GC Trecclean



Cleaner For Trays

Cleaning powder for removal of alginate residue on trays.

### CHARACTERISTICS & BENEFITS

- Simply mix with water
- Alginate residue can be easily removed under running water

### PACKAGES

GC Trecclean	
001144	1.2 kg container

## GC Unifast III



### Self-Curing Acrylic Resin For Long-Term Temporaries

The revolutionary SURF polymer processing technology guarantees a bubble-free and exceptionally even-coloured mixture. Handling, physical properties and aesthetics have reached levels beyond expectation with powder liquid resins.

#### CHARACTERISTICS & BENEFITS

- For single shade temporaries or multilayer aesthetic long-term temporaries
- Superior handling for both brush-on and mixing technique
- Optimal thixotropic property and controlled flowability
- Broad range of dentine, enamel and incisal shades
- Optimal translucency to match the natural tooth
- Easy to achieve aesthetic glossy surface with G-Coat PLUS

#### INDICATIONS

- Temporary crowns & bridges
- Inlays
- Gingiva reproduction
- Implant bridges
- Closing of implant screw holes
- Denture repair
- Dentures with attachments

#### PACKAGES

GC Unifast III	
002650	Intro Pack, 2-1 pkg, A2-A3 (35 g powder A2-A3, 42 ml liquid & accessories)
Refill	
Refill powder 35 g A1, A2, A3, A3.5, B2, E3, Incisal, Clear, No.3 (Pink), No.8 (Pink Veined)	
Refill powder 100 g A1, A2, A3, A3.5, B2, E3, Incisal, Clear, No.3 (Pink), No.8 (Pink Veined)	
Refill powder 300 g A2, A3, Incisal, No.8 (Pink Veined)	
002651	Liquid 40g (42 ml)
002652	Liquid 100g (104 ml)
002653	Liquid 250g (260 ml)
GC Unifast III Accessories	
002654	Plastic Case
002687	Brush No. 10
002688	Disposable Dispensing Dish (50) No. 2

## GC Unifast TRAD



### Self-Curing Acrylic

Universal resin for temporary inlays, onlays, crowns, bridges and repair of (partial) dentures.

#### CHARACTERISTICS & BENEFITS

- For pressure and brush techniques
- Quick setting
- High dimensional stability
- Suitable as long-term temporary

#### PACKAGES

GC Unifast TRAD P/L	
339104	Ivory, 100 g powder
339103	Pink X, 100 g powder
339105	Life Pink, N° 8, 100 g powder
339114	Ivory, 250 g powder
339113	Pink X, 250 g powder
339115	Life Pink, N° 8, 250 g powder
339124	Ivory, 1 kg powder
339123	Pink X, 1 kg powder
339125	Life Pink, N° 8, 1 kg powder
339291	104 ml liquid
339292	260 ml liquid

## GC Unifast LC



### Light-Cured Acrylic

Light-curing resins, especially for temporary inlays, onlays, crowns, veneers and bridges.

#### CHARACTERISTICS & BENEFITS

- Simple application
- Suitable for complex cases
- Initially self-curing to rubber-like consistency for easy removal from the mouth
- Finally light-curing with controlled setting
- Excellent hardness and dimensional stability

#### PACKAGES

GC Unifast LC P/L					
338006	Intro Pack, 6-2 Pack (6 x 30 g powder; 2 x 14.7 ml liquid)				
Refill: 50 g powder					
000363	A2	000365	B2	000367	C2
000364	A3	000366	B3		
000362	Translucent				
000368	2 x 14.3 ml liquid				

## GC Revotek LC



### Single-Component Temporary C&B Material

Single component light-curing composite resin for temporary restorations delivered as a stick.

#### CHARACTERISTICS & BENEFITS

- No need for mixing or pre-impressions
- For 60 average-sized inlays or 30 average sized crowns
- Light-cured composite material with absence of exothermic heat and no odour or chemical irritation
- Strong and durable, highly wear resistant
- Low shrinkage for a perfect fit

#### HOW TO USE

Cut the necessary amount of paste. Shape according to anatomy. Light-cure intra-orally for 10 sec. Remove and light-cure each surface for 20 sec.

#### PACKAGES

GC Revotek LC	
001842	Intro Pack, shade B2 (1 Putty Stick, 1 Lightproof storage case, 1 GC Spatula N° 2)

## GC Fit Checker Advanced



White VPES Silicone For Fit Checking metal-based restorations and dentures

Vinyl PolyEther material for checking pressure spots and the fit accuracy of indirect restorations. Thanks to its very thin consistency and hydrophilicity, it is very convenient to use and offers an accurate observation of the fit of prosthetics.

### CHARACTERISTICS & BENEFITS

- Available in handmix and automix cartridge
- Easy application thanks to the thixotropic consistency
- Minimal film thickness nevertheless very

- exact reproduction of every detail
- High tear resistance for easy removal after fit checking
- Increased hardness to allow smooth and easy trimming with bur

### PACKAGES

GC Fit Checker Advanced Tube	
004903	White, 1-1 Pack, (55 g (42 ml) Base, 50 g (42 ml) Catalyst, 3g retarder, Mixing Pad)
GC Fit Checker Advanced Cartridge	
004904	White, 2 x 62 g (48 ml) cartridges, 3 Mixing Tips IIS (pink), 3 Mixing Tips IIS (yellow)
GC Fit Checker Advanced Accessories	
800006	Cartridge Dispenser

### HOW TO USE

- Working time: 1 min.  
Minimum time in the mouth: 1 min.

## GC Fit Checker Advanced Blue



Blue VPES Silicone For Fit and occlusal Contact Checking of Ceramic Restorations

GC Fit Checker Advanced is so easy to apply thanks to its very thin viscosity and very sharp setting time. Its right transparency and blue colour offers an easy observation and perfect contrast with aesthetics prosthesis such as ceramic based crowns & bridges.

### CHARACTERISTICS & BENEFITS

- Available in automix cartridge for optimal application
- Good fluidity combined with thixotropy
- Very exact reproduction of every detail
- Transparent blue colour allows an analysis

- of the occlusal situation, even under 100 um thickness
- High tear resistance for easy removal and increased hardness to allow easy trimming

### PACKAGES

GC Fit Checker Advanced Blue Cartridge	
004905	Blue, 2 x 56 g (48 ml) cartridges, 3 Mixing Tips IIS (pink), 3 Mixing Tips IIS (yellow)
GC Fit Checker Advanced Accessories	
800006	Cartridge Dispenser

### HOW TO USE

- Working time: 1 min.  
Minimum time in the mouth: 1 min.

## GC Exabite II NDS



Bite Registration Material

A-silicone material with properties especially adjusted to the requirements of bite registration.

### CHARACTERISTICS & BENEFITS

- Mixing and application directly from the cartridge
- Thixotropic properties with an ideal balance between stability and fluidity

- High stability for safe transfer of models to an articulator
- Easy trimming and carving

### PACKAGES

GC Exabite II NDS	
890014	Pack of 2 cartridges, 48 ml each & 6 mixing tips size L
132488	Pack of 8 cartridges, 48 ml each & 24 mixing tips size L
GC Exabite II NDS Accessories	
800006	Cartridge Dispenser

### HOW TO USE

- Snap set: working time up to 45 sec.  
Setting time only 45 sec.

## GC Tissue Conditioner



### Soft Acrylic Tissue Conditioning and Relining Material

GC Tissue Conditioner is a true next-generation, state-of-the-art acrylic soft relining material, patented by GC. GC Tissue Conditioner is a great choice when you need an alternative that stays soft and clean for a long time. Use GC Tissue Conditioner for tissue conditioning, soft relining and functional impressions.

#### CHARACTERISTICS & BENEFITS

- Perfect consistency and flow makes it easy to apply
- Only 5 min. seating time in the mouth
- Unique patented formulation and special coating protects against deterioration and smell over time
- Excellent surface smoothness for incredible healing ability and hygiene
- Long lasting softness, capable of adapting its shape as the mucosa changes over time
- Easy to add new material to it over and over again

#### INDICATIONS

- Tissue conditioning
- Soft relining
- Functional impressions
- Immediate dentures
- Direct implant loading technique

#### PACKAGES

GC Tissue Conditioner	
002894	Intro Pack, 1-1 Pack Live Pink
002895	Intro Pack, 1-1 Pack White
Refill	
002897	Live Pink, 90 g powder
002896	White, 90 g powder
002892	Refill, Liquid 101 ml
002893	Coating Agent, 1.5ml

## GC Reline



### Hard Chairside Relining Material

Chairside MMA-free resin for durable long-term relining of full and partial dentures.

#### CHARACTERISTICS & BENEFITS

- Chairside use for simple and direct application
- MMA-free, thus no chemical irritation of oral tissue
- Minimal heat generation and pleasant odour
- Final finishing only 5 min 30 after start of mixing

#### NOTE

In case of undercuts, denture can be removed. When the material reaches a rubbery state, trim excess and reseal denture in the mouth for final setting.

#### PACKAGES

GC Reline	
346000	Intro Pack, Standard Package P/L (80 g powder, 50 ml liquid, 15 g (15ml) Bonding Agent & accessories)
Refill	
346002	80 g powder
346191	50 ml liquid
346099	Bonding Agent, 12 ml (12g)

## GC Reline Extra Soft



Extra Soft Silicone Relining Material

Tissue toning material based on A-silicone to overcome pressure point problems frequently seen with edentulous patients.

### CHARACTERISTICS & BENEFITS

- Long-lasting elasticity, dimensionally stable
- Good flow under pressure
- Cartridge delivery for a simple and direct application
- No temperature increase, no smell

### PACKAGES

GC Reline Extra Soft	
000600	Intro package, 56 g (48 ml) cartridge, 6 Mixing tips II size L (blue), Primer R 12 g (13 ml), Point for trimming, Wheel for finishing, Modifier A&B 10 g (9 ml) each & accessories
Refill	
000601	56 g (48 ml) cartridge
000602	Primer R, 12 g (13 ml) liquid
000603	Modifier, 1-1 Pack, A+B 10 g (9 ml) each, mixing pad & sponge
GC Reline Extra Soft Accessories	
800006	Cartridge Dispenser

## GC Reline Soft



Soft Silicone Relining Material

A-Silicone for long-lasting relining of dentures, especially in cases where supportive tissue material is missing.

### CHARACTERISTICS & BENEFITS

- Cartridge delivery system offering simple, direct application
- Excellent shock absorber that remains elastic over time
- Silicone, therefore no temperature increase, no smell
- Good flow under pressure

### PACKAGES

GC Reline Soft	
000598	Intro package, 62 g (48 ml) cartridge, 6 mixing tips II size L (blue), Primer R 12 g (13 ml), Point for trimming, Wheel for finishing, Modifier A&B 10 g (9 ml) each & accessories
Refill	
000599	62 g (48 ml) cartridge
000602	Primer R, 12 g (13 ml) liquid
000603	Modifier, 1-1 Pack, A&B 10 g (9 ml) each, mixing pad & sponge
001526	Point for trimming
GC Reline Extra Soft Accessories	
800006	Cartridge Dispenser

## GC Coe-Pak (Automix)



### CHARACTERISTICS & BENEFITS

- Cartridge or handmix delivery
- Easily mouldable
- Elastic consistency
- Patient friendly
- Supports process of healing
- Eugenol-free, so compatible with resins
- Does not stick to gloves

## Periodontal Dressing

Two-component material for wound dressing, to cover stitches or to stabilise loose teeth.

### PACKAGES

GC Coe-Pak Automix NDS	
135003	2 cartridges, 50 ml each & 12 mixing tip
GC Coe-Pak Automix NDS Accessories	
800006	Cartridge Dispenser
GC Coe-Pak (90 g base & 90 g catalyst)	
135801	Regular Set
135301	Hard and Fast Set

## THE RIGHT PRODUCTS FOR YOUR PROSTHETIC PROCEDURES...

The first step of most prosthetic work is the creation of a high quality working model. GC is proud to offer one of the most popular Type 4 dental die stones in Europe, **GC Fujirock EP**. This superior quality Type 4 stone is ideal for all kinds of prosthetics, with high precision, outstanding edge hardness and high pressure stability. The same high quality standard can be enjoyed with the non-reflective **GC Fujirock EP OptiXscan** for all modern scanning systems. For bases with minimal expansion, we offer you the free flowing **GC Fujirock EP OptiFlow**. Modeling is often the next step and here **GC Pattern Resin** is the product of choice. **GC Pattern Resin** is the proven resin for making all types of custom attachments, fixations, implant abutments or resin dies for electroforming technique.

GC is known for its competence in the production of phosphate-bonded investments for crowns and bridges. With the new **GC Fujivest Platinum II** and **GC Fujivest Premium**, GC has reached another milestone in the casting of crowns and bridges. **GC Fujivest Platinum II** is created for precious, semi-precious and palladium based alloys. **GC Fujivest Premium** is the material of choice for getting the highest precision with non-precious metal alloys. Furthermore we offer the renowned **GC Fujivest Super**, for precision castings of precious, semi-precious and Pd-base alloys, with special attention to complicated implant castings. **GC Fujivest II** is available for precision crown and bridge castings of all dental alloys, including Ni-Cr and Co-Cr and finally **GC Stellavest**, specially developed to fulfil the all day-by-day requirements of a casting investment and the suitability for use with non-precious dental alloys.

GC also offers a number of dedicated investments for the metal free approach. **GC MultiPressVest** is specifically adapted to multiple press ceramic techniques offered within the **GC Initial PC** pressable system and the **GC Initial IQ** systems. **GC Cosmotech VEST** is a phosphate-bonded refractory die material for all-ceramic restorations such as veneers, inlays or onlays. **GC G-Cera ORBIT VEST** offers a controllable expansion, making it suitable for the direct layering of ceramic materials, not only for the manufacture of inlays, onlays, and veneers, but also for crowns.

The **GC Initial Ceramic System** offers new perspectives for all ceramic indications. Whether you use **GC Initial MC** in the standard temperature range, **GC Initial LF** with the low-fusing technique or go all the way with **GC Initial Ti** for titanium indications, you can't go wrong! The benefits of Initial translate into simple handling, systematic and straightforward components and materials enhanced by optimised processing – all of which produce consistently superb aesthetics and optimal cost effectiveness. For a superior result GC brings in addition a ceramic bonder for titanium frame structures.

To improve the compatibility with as many alloys, we have a bonder that is used as a buffer between the alloy and the ceramic. It blocks escaping metal oxides and neutralises differences in the expansion coefficient.

The **GC Initial Ceramic System** also opens up new horizons for full ceramic restorations. Whether you work with classic aluminium oxide or follow the new zirconium trend, Initial always offers you optimal, reliable and cost effective solutions. With **GC Initial Zr-FS** and Initial AL we are setting new standards for the full ceramic future.

In order to achieve the same quality and reproducibility of aesthetic results, we proudly present you our **GC Initial IQ** systems for metal and zirconium. Whether you choose the Layering or the Press approach, you will be able to reproduce the same aesthetic results again and again with fewer materials. The magic lies in the **GC Initial IQ Lustre Pastes NF**, the 3-dimensional ceramic stains that bring vitality and a natural glaze to your restorations.

The light-curing **GC GRADIA** is our well established high-strength micro-hybrid composite system with unsurpassed durability, natural opalescence and excellent lifelike aesthetics. Completed with **GC GRADIA** gum shades, you can create a lifelike natural appearance of tooth shades and natural gingiva.

To achieve optimal bonding between various dental materials we offer 3 types of primers. **GC Metal Primer II** is the adhesive of choice for bonding dental acrylics and composites to various alloys. **GC Composite Primer** rebuilds the inhibition layer for safe bonding between composite/composite and is simply applied with a brush. For safe bonding of laboratory resins, composites and acrylics to ceramic surfaces we advise you to use our **GC Ceramic Primer**. These three primers can be used as well to repair fractures restorations or to improve the adhesion of resin adhesive cements.



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## GC Fujirock® EP

### Type 4 Dental Stone

One of the world's most popular dental die stones, GC Fujirock EP, is available in 4 colours to meet all requirements of a working model for aesthetic and high quality prosthetic works. The superior quality type 4 stone is ideal for all kinds of prosthetics, with high precision, outstanding edge hardness and high-pressure stability.



#### CHARACTERISTICS & BENEFITS

- Excellent physical properties
- Short mixing time (about 1 min.)
- Extended working time (over 8 min.)
- Short setting time (only 12 min.)
- Removable from cast after just 30 min.
- Highly fluid thixotropic properties allowing precise detail reproduction
- Low expansion (less than 0.08%)
- Immediate stability for a perfect fit with the prosthesis

#### PACKAGES

GC Fujirock EP	
890222	Golden Brown, 5 kg
890223	Pastel Yellow, 5 kg
890224	Polar White, 5 kg
890225	Topaz Beige, 5 kg
890226	Golden Brown, 12 kg
890227	Pastel Yellow, 12 kg

## GC Fujirock® OptiFlow



Type 4 Flowable Stone for Basing Dentate Arches

Thin flowing Type 4 Dental Stone for basing GC Fujirock EP arches. The 3 colours – Terracotta Red, Peppermint Green and Sapphire Blue – meet the requirements for the individualised and aesthetic construction of master models. An optimal combination is achieved in conjunction with the three colours of GC Fujirock EP.

### CHARACTERISTICS & BENEFITS

- Water-like flow for basing arches without air bubbles
- Stable & low expansion for a perfect match with GC Fujirock EP & GC Fujirock EP OptiXscan

### HOW TO USE

With only 20 ml of water, a high fluid consistency is obtained. Colours - Terracotta Red, Peppermint Green, Sapphire Blue.

### PACKAGES

GC Fujirock Optiflow (12 kg)	
900478	Terracotta Red
900480	Peppermint Green
900481	Sapphire Blue

## GC Fujirock® OptiXscan



Type 4 Scannable Die Stone

With CAD/CAM & implant technologies gaining increasing importance, GC has developed a special type 4 stone. Thanks to its specially adapted powder composition, GC Fujirock EP OptiXscan is compatible with all existing scanning devices.

### CHARACTERISTICS & BENEFITS

- Compatible with existing scan devices (laser, optical)
- Adaptable working time and short setting time for fast processing
- Variable mixing ratio without difference in physical properties
- Low expansion for highest precision
- Smooth surface
- Highly resistant to abrasion

### HOW TO USE

- 20 ml for a short setting time (models ready in just 20 min.).  
21 ml for pouring more models
- Colour - Inca Brown.

### PACKAGES

GC Fujirock OptiXscan	
900482	Inca Brown, 5 kg

## GC Pattern Resin LS



### Low Shrinkage Modelling Resin

The proven modelling resin for making all types of custom attachments, fixations, implant abutments or resin dies for electroforming technique.

#### CHARACTERISTICS & BENEFITS

- Minimal shrinkage and easy-to-trim for perfect adaptation and reproduction
- High hardness and strength
- High stability even for thin layers
- Burns out without residue resulting in very clean casting surfaces

#### HOW TO USE

GC Pattern Resin LS is specially developed for the brush technique.

#### PACKAGES

GC Pattern Resin LS	
335201	1-1 Pack (100 g powder, 105 ml liquid, 2 mixing cups, 1 brush N°4 & 1 pipette)
335202	100 g powder
335204	1 kg powder
335203	105 ml liquid
335205	262 ml liquid
001416	Brushes N°4, 10 pcs

## GC Inlay Wax SOFT, MEDIUM & HARD



### Dental Inlay Casting Wax

Modelling wax for all kinds of restorations with excellent plasticity and low deformation during removal from the model.

#### CHARACTERISTICS & BENEFITS

- Excellent plasticity
- High modelling ability, low shrinkage
- Burns out without residues
- Smooth castings

#### PACKAGES

GC Inlay Wax	
<b>SOFT</b>	
001157	60 sticks (Violet)
001159	60 sticks (Grey)
001154	40 g tin (Violet)
001156	40 g tin (Grey)
<b>MEDIUM</b>	
001086	60 sticks (Grey)
001084	60 sticks (Green)
001083	40 g tin (Grey)
001081	40 g tin (Green)
<b>HARD</b>	
001162	40 g tin (Grey)
001160	40 g tin (Green)

## GC Ostron



### Self-Curing Resin For Custom Trays

Acrylic resin for manufacturing custom trays, base plates and bite-registration.

#### CHARACTERISTICS & BENEFITS

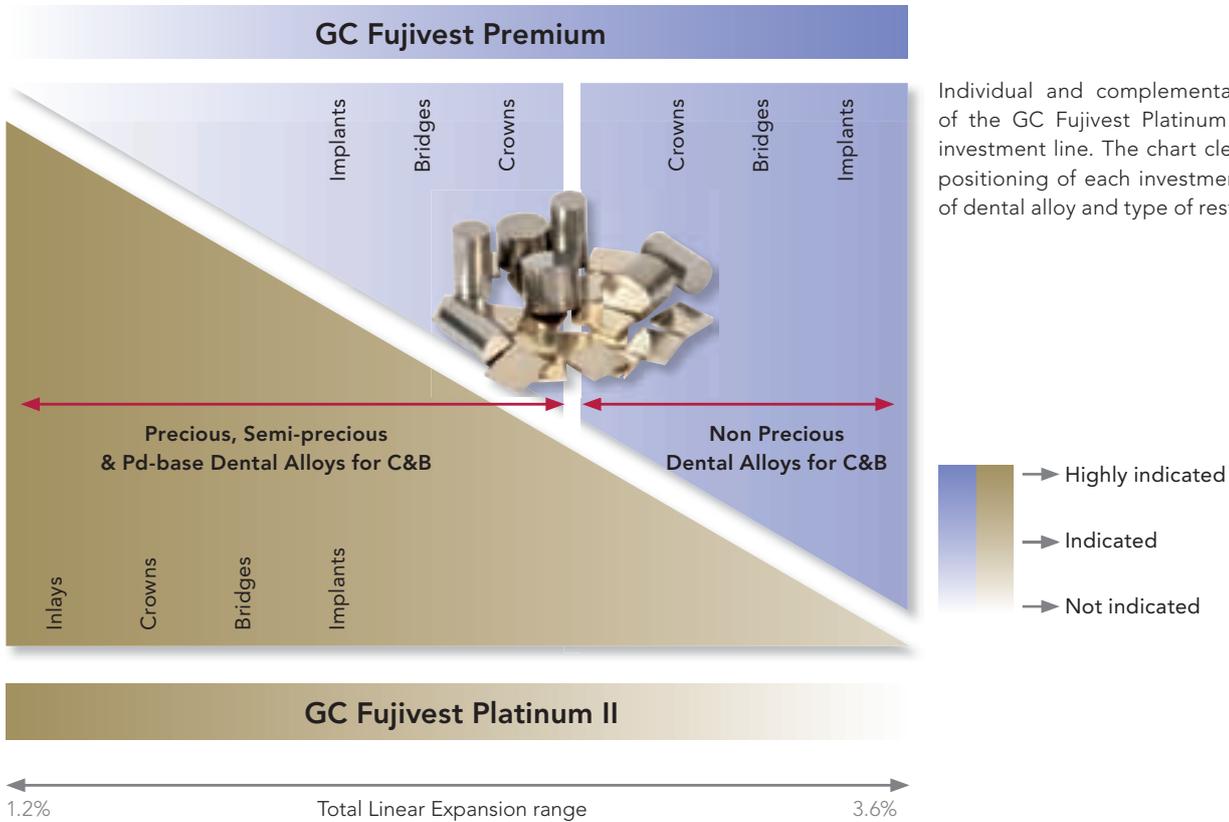
- Time-saving
- Excellent adaptability, but does not stick
- Ample working time
- Smooth shiny surface and high dimensional stability
- Easy to trim

#### PACKAGES

GC Ostron P/L	
000615	Blue-Transparent, 1 kg powder
000605	Clear (Pink-Transparent), 1 kg powder
000354	250 ml liquid

## GC Fujivest Platinum II & Premium - System Approach

### INVESTMENTS FOR CROWNS & BRIDGES



With these investments, GC Europe once again confirms its competence in the production of phosphate-bonded investments for crowns and bridges. Fujivest Platinum II and Premium are adapted to the demands of the modern C&B- casting market in Europe.

#### GC FUJIVEST PLATINUM II

Perfect controllability and high accuracy of fit – these are the most important requirements for a modern high precision casting investment material. With GC Fujivest Platinum II, GC Europe has set another milestone for all precious, semi-precious and palladium based alloys in the crown and bridge technique. The impressive features of this carbon free C&B precision investment include comfortable working properties and perfect expansion control – for both quick heating & step heating procedures.

#### GC FUJIVEST PREMIUM

Controlled expansion for highest precision, especially with non-precious metal alloys. Whether heated up quickly or conventionally, with or without a casting ring, GC Fujivest Premium meets all the expectations of a modern multipurpose investment material. This carbon-free and phosphate-bonded C&B material has a broad range of indications, yet produces consistently precise casting results. Thus GC Fujivest Premium is ideally suited for all prosthetic work and alloys, especially for nickel chromium and cobalt chromium. Thanks to its fine grained powder texture, dental technicians are able to choose between the fast and the programme controlled heat-up method – with reliable expansion control.

## GC Fujivest® Platinum II

### Carbon-Free Phosphate-Bonded Investment

Exact solutions for the highest demands: the new GC Fujivest Platinum II. Investment material specifically designed for precious and semi-precious alloys. With its long comfortable working time and improved fluidity, investing complicated cases has become easier than ever before. With an increased expansion range, this top of class material has become even more versatile. The extremely smooth surface of GC Fujivest Platinum II will produce highly precise castings at any time. This top quality investment can be used in both quick heating & step heating procedures.



#### CHARACTERISTICS & BENEFITS

- Specially developed for high-precision castings of precious, semi-precious and Pd base alloys
- Quick-heating or step heating
- Enables a perfect fit, even in implant suprastructures and long-span bridges
- Easy to steer with an extended expansion range
- Longer working time, better fluidity
- Very easy to deinvest with reduced risk of damaging casted objects
- Smooth surfaces – putting every fine detail in the spotlight

#### HOW TO USE

Precision casting investment for both quick-heating and conventional step heating processes. For precious, semi-precious and Pd base alloys.

#### PACKAGES

GC Fujivest Platinum II	
900671	6 kg powder (100 x 60 g bags)
900673	6 kg powder (40 x 150 g bags)
900672	6 kg powder (67 x 90 g bags)
900676	900 ml liquid

## GC Fujivest® Premium

### Carbon-Free Phosphate-Bonded Investment

Exact solutions for flexible needs: GC Fujivest Premium. Crown & bridge casting investment, suitable for all types of dental alloys with special attention to non-precious alloys. Whether heated up quickly or conventionally, with or without a casting ring, the reliable expansion control of GC Fujivest Premium produces consistently precise casting results.



#### CHARACTERISTICS & BENEFITS

- Offers a wide expansion range of up to 3.5% – implant suprastructures with non-precious alloys are now safe and straightforward
- Accommodates ringless techniques in both quick and slow-heating procedures
- Highly accurate fit due to easy liquid solution for optimal expansion control
- High fluidity and smooth consistency
- Robust investment but easy deinvesting

#### HOW TO USE

For use in both quick and step-heating procedures. Suitable for all dental alloys with special attention to non precious alloys.

#### PACKAGES

GC Fujivest Premium	
890182	6 kg powder (100 x 60 g bags)
890183	6 kg powder (40 x 150 g bags)
890184	6 kg powder (67 x 90 g bags)
890186	900 ml liquid

## GC Fujivest® Super



### Carbon-Free Phosphate-Bonded Investment

The carbon-free phosphate-bonded investment for precision castings of precious, semi-precious and Pd-base alloys, with special attention to complicated implant castings. GC Fujivest Super can be used in both quick heating and slow heating procedures.

#### CHARACTERISTICS & BENEFITS

- Quick heat method
- Total expansion up to 2.34% - special high expansion liquid available
- Creamy consistency with high fluidity and high wettability for an excellent reproduction of details
- Controlled setting and thermal expansion offering high precision fit
- Easy devesting
- Precise depiction, giving exact surface reproduction and precise castings

#### HOW TO USE

High accuracy for precious and semiprecious alloys, even for long span restorations. Please ask for special instructions for use on Implantology techniques.

#### PACKAGES

GC Fujivest Super	
800023	6 kg powder (100 x 60 g bags)
800024	6 kg powder (40 x 150 g bags)
800026	6 kg powder (67 x 90 g bags)
800025	900 ml liquid
800029	High Expansion, 900 ml liquid

## GC Fujivest® II



### Carbon-Free Phosphate-Bonded Investment

A carbon-free phosphate-bonded investment for precision crown and bridge castings of all dental alloys, including Ni-Cr and Co-Cr.

#### CHARACTERISTICS & BENEFITS

- Carbon-free
- Ringless techniques possible in both quick and slow heating-up schedules
- High fluidity and high wettability
- Smooth surface
- Controlled setting and thermal expansion
- Special low expansion liquid

#### HOW TO USE

For use in both quick and slow heating methods. Perfect castings for non-precious alloys.

#### PACKAGES

GC Fujivest II	
800016	6 kg powder (100 x 60 g bags)
800019	6 kg powder (67 x 90 g bags)
800017	6 kg powder (40 x 150 g bags)
900665	8 kg powder (4 x 2 kg)
800018	900 ml liquid
800078	Low Expansion, 900 ml liquid

## GC Stellavest®



### Carbon-Free Phosphate-Bonded Investment

Specially developed to fulfil all day-by-day requirements of a casting investment and the suitability for use with non-precious dental alloys.

#### PACKAGES

GC Stellavest	
900667	6 kg powder (150 x 40 g)
900666	8 kg powder (4 x 2 kg)
800043	900 ml liquid

#### CHARACTERISTICS & BENEFITS

- Carbon-free
- Quick heat method
- Wide range of expansion (up to 3%) for all alloys including Co-Cr
- Ring or ringless techniques
- High precision with smooth surfaces
- Very robust, yet easy to devest
- Economic

#### HOW TO USE

For use in both quick and slow heating methods. With special attention to the ringless technique with quick heating procedures.

## GC Vest®-G



### Carbon-Containing Phosphate-Bonded Investment

A universal, carbon-containing investment for crown and bridge work, suitable for all alloys except Pd-base alloys.

#### PACKAGES

GC Vest-G	
800030	6 kg powder (100 x 60 g bags)
800032	6 kg powder (40 x 150 g bags)
800031	900 ml liquid

#### CHARACTERISTICS & BENEFITS

- Carbon-containing
- For step-heating
- Total expansion up to 3.26%
- High fluidity for very smooth gold castings
- Especially for telescopic and combination castings
- Easy devesting
- Reduces solder work in wide spanned prosthetic work

## Casting Ring Liner



### Liner For Casting Alloys

Ceramic and asbestos fibre-free liner to allow total expansion for investments

#### PACKAGES

Casting Ring Liner	
900617	20 m roll

#### CHARACTERISTICS & BENEFITS

- Special asbestos-free and ceramic-fibre composition
- Bio degradable
- Does not burn at high temperature
- 1 mm thickness creates a perfect buffer
- Good adaptation to the casting rings
- Precise casting, prevents cracks

#### HOW TO USE

Special adapted to step-heating-up system.

## GC MultiPressVest®



Carbon-Free Phosphate Bonded Investment For Pressable Ceramics

Investment specifically adapted to multiple press ceramic techniques offered within the GC Initial PC and the GC Initial IQ systems.

### PACKAGES

GC MultiPressVest	
800243	6 kg powder (60 x 100 g bags)
800244	900 ml liquid

### CHARACTERISTICS & BENEFITS

- Fine-grained phosphate bonded investment produces smooth and detailed pressings
- Creamy consistency ensures easy and accurate investing
- High thermal stability makes it suitable for the quick-heating as well as the conventional heat-up technique, specially developed for multiple press ceramic techniques like
- All ceramic press techniques with Initial PC: crowns, inlays and facings
- Press ceramic over metal with GC Initial IQ – Press-over-Metal
- Press ceramic over zirconium with GC Initial IQ – Press-over-Zircon

## GC Cosmotech VEST



Refractory Die Material

Phosphate-bonded refractory die material for all-ceramic restorations such as veneers, inlays or onlays.

### PACKAGES

GC Cosmotech VEST	
001147	990 g powder (30 x 33 g bags)
001150	200 ml liquid

### CHARACTERISTICS & BENEFITS

- Expansion behaviour specifically matched to ceramics
- Excellent fit to all ceramic restorations
- Smooth surface
- Excellent hardness and marginal strength preventing cracks
- High multiple firing resistance for precise firing results
- Easy to deinvest

## GC G-Cera ORBIT VEST



Refractory Die Material

Phosphate-bonded refractory die material for the direct layering of ceramic materials for the manufacture of inlays, onlays, crowns and veneers.

### PACKAGES

GC G-Cera ORBIT VEST	
800035	For Crowns/Veneers, 990 g powder (30 x 33 bags)
800036	For Inlays, 990 g powder (30 x 33 bags)
800037	200 ml liquid

### CHARACTERISTICS & BENEFITS

- Controllable expansion by mixing of 2 powders
- Good wettability
- High stability
- Smooth surface and easy to remove
- Additional heating procedure possible
- Suitable for almost all ceramic materials with precise firing results

## GC Initial

The All-Round Ceramic System For Each And Every Indication

After 10 years on the market the GC Initial range of ceramics can probably be called one of the most versatile systems adapted to all types of sub-structures used in today's modern dental laboratories. With Initial from GC each and every dental technician will be able to formulate an answer to every aesthetic challenge, regardless of the type of framework, build-up procedure or economic aspect.

### **GC INITIAL MC FOR METAL ALLOY FRAMEWORKS**

Ceramic for metal alloy with a normal expanding CTE whether containing silver, a high or reduced gold content or palladium. Also for NPA (Non-precious Alloy) and electroforming copings. Use the sintering technique to create inlays, onlays and veneers on refractory dies.

**GC INITIAL AL FOR  
ALUMINIUM OXIDE FRAMEWORKS**  
Ceramic with colour properties adapted for use on aluminium oxide frameworks, allowing perfect and homogeneous build-up of the final restoration.

**GC INITIAL IQ**  
One body build-up or press ceramic that allows full concentration on function and form. The aesthetics are added in the final stage by means of the 3D effect Lustre Pastes NF.

### **GC INITIAL LF FOR LOW-FUSING TECHNIQUES**

Synthetic ceramic for low temperature firing on alloys with a CTE compatible with those for GC Initial MC. Use to correct restorations made with GC Initial MC or as a build-up material on GC Initial PC copings.

### **GC INITIAL TI FOR TITANIUM FRAMEWORKS**

Ceramic for creating restorations which are highly aesthetic and biocompatible. To bond the ceramic securely to the framework use GC Initial Titanium Bonder.

**GC INITIAL ZR FOR  
ZIRCONIUM OXIDE FRAMEWORKS**  
Ceramic for use on the high strength zirconium oxide framework, which is ideal for the fabrication of delicate substructures such as bridges.

**GC INITIAL PC FOR  
PRESSABLE TECHNIQUES**  
Ceramic for pressing whether layering or staining is preferred. For layering use GC Initial LF.

## GC Initial MC

### The Ultimate Metal Ceramic System

The GC Initial MC ceramic system offers new perspectives for metal ceramic indications. The feldspar portion and the excellent light-optical properties of this ceramic releases an enormously high aesthetic potential, regardless whether you work with standard layering techniques for ease and quickness or with life-like layering techniques for the highest aesthetic demands. The CTE is adapted to all conventional alloy types, irrespective of whether they contain silver, have a reduced gold content or are palladium-based. Even NEM and galvano crowns can be easily used for veneering with ceramic. With Initial MC you do not need to worry about shrinkage during the firing process, even with high gold content alloys.



#### CHARACTERISTICS & BENEFITS

- Optimised shrinkage properties and good polishability
- Perfectly adapted to all conventional alloys
- GC Initial MC is fired below 930°C
- Effect materials for all the different staining and layering techniques
- Both powder and paste opaques are available
- Perfectly coordinated components including bleach and gum shades
- Cross-system logic for all materials and shade matching
- Simple handling and short learning curve
- Quick, aesthetic and economical results

#### NOTE

For details regarding set composition and refills, please refer to individual leaflets or item lists on our website: <http://www.gceurope.com>

#### PACKAGES

GC Initial MC	
877001	Basic Set with Paste Opaque
877045	Basic Set with Powder Opaque
877002	Basic Plus Set with Paste Opaque
877046	Basic Plus Set with Powder Opaque
877003	Advanced Set
877048	Entrance Kit (Powder Opaque)
877004	Paste Opaque
877065	Bleach Set
877071	Gum Shades Set with Paste Opaque
877070	Gum Shades Set with Powder Opaque
GC Initial Stain Set	
877016	Stain Set INvivo/INsitu MC, LF, PC

## GC Initial MC Classic Line



New addition to the GC Initial MC portfolio

The GC Initial MC Classic Line represents a group of products specifically adapted to the 3 layer build-up technique. In an efficient and economical way you will be able to perfectly reproduce the well known Vita colours. The corresponding new Paste Opaques have been optimized for this system. Thanks to the higher chroma they offer the ideal base, especially on non-precious alloys.

### CHARACTERISTICS & BENEFITS

- Aesthetic results in the classical 3 layer technique
- Easy & fast application combined with a short learning curve facilitate and economical way of working
- Good stability, reduced shrinkage
- Modular system: evolve from the 3 layer techniques in steps towards an individual multi layer approach
- Can be combined with the Lustre Pastes NF and all other Initial MC system components

### PACKAGES

GC Initial MC Classic Line	
877081	GC Initial MC Classic Line Work Set 1 Contains all necessary materials for the 3 layer technique in the most common Vita shades: A1, A2, A3, A3.5, B2, B3, C3, D3, BLD-2
877084	GC Initial MC Classic Line Work Set Complementary to Work Set 1 to be able to produce following shades: A4, B1, B4, C1, C2, C4, D2, D4, BLD-1,3)
877082	GC Initial MC Classic Line Welcome Set contains all materials to produce a Vita A3 shade.
877083	GC Initial MC Paste Opaque CL Set. Contains: 1x A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3 and D4

### IMPROVE YOUR LAYERING SKILLS WITH THE GC INITIAL LAYERING GUIDES APP

To allow you to achieve optimal results with our range of ceramics, we have developed for you a unique tool that will guide you in a 3D presentation through the different application steps of Initial. Before you start you can select from a wide range of parameters:

- your preferred layering technique: 2-layer, 3-layer or 4-layer
- your preferred shade system: Vita Classical or Vita 3D Master
- your preferred firing: single step or multi step
- your preferred type of opaque: powder or paste
- your preferred type of alloy: precious or non-precious
- ....

The GC Initial Layering Guides will guide you in easy to understand way through the process of building up the various layers of the restoration. During the step-by-step you can at any times turn the restoration to get a perfect view on how to build-up the different powders. The images can be changed into standard view, transparent view or outline

view for optimal visualisation. Furthermore you will find the perfect firing instructions, the corresponding shade guide and many more features that you help you to get the maximum out of the Initial ceramics.

The GC Initial Layering Guides are available - free of charge - for iPhone & iPad at the Apple App Store.



## GC Initial Ti & GC Initial LF

### Specialized Metal Ceramic System

The GC Initial Ceramic System also offers perspectives for special metal ceramic indications. GC Initial LF has been designed for the low-fusing technique whereas GC Initial Ti is always indicated in situations where high demands are placed on biocompatibility and the most superior aesthetics are expected. Fully aligned with the other ceramics of the range, the benefits of these specialized metal ceramics translate into simple handling, systematic and straightforward components and materials enhanced by optimised processing – all of which produce consistently superb aesthetics and optimal cost-effectiveness.



### CHARACTERISTICS & BENEFITS

- Optimised shrinkage properties and good polishability
- Effect materials for all the different staining and layering techniques
- Perfectly coordinated components including bleach shades
- Cross-system logic for all materials and shade matching
- Simple handling and short learning curve
- Quick, aesthetic and economical results

#### GC Initial LF

- Synthetic ceramic with a firing temperature of 770°C
- Coefficient of thermal expansion (CTE) of  $11.6 \times 10^{-6} \text{ K}^{-1}$  (25°- 500° C) - suitable for ceramic-metal alloys with a standardized CTE, for NEM, high- and reduced-content

gold alloys, but also for galvano or palladium-based alloys (with a silver content < 20 %).

- Superb polishability
- Excellent low-shrinkage properties

#### GC Initial Ti

- Coefficient of thermal expansion is  $8.6 \times 10^{-6} \text{ K}^{-1}$  (25°-500° C) –adapted to titanium base materials
- Optimal bonding to titanium structures
- Firing temperature 780°C

#### NOTE

For details regarding set composition and refills please refer to individual leaflets or item lists on our website: <http://www.gceurope.com>

### PACKAGES

GC Initial LF	
877005	Basic Set
877006	Basic Plus Set
877007	Advanced Set
877066	Bleach Set
GC Initial Ti	
877013	Basic Set
877014	Basic Plus Set
877015	Advanced Set
877069	Bleach Set
GC Initial Stain Set	
877016	Stain Set INvivo/INsitu MC, LF, PC
877017	Stain Set INvivo/INsitu AL, Zr, Ti

## GC Initial Ti Bonder



Ceramic Bonder For Titanium Frame Structures

GC Initial Ti Bonder secures optimal bonding between titanium frame structures and GC Initial Ti porcelain.

### PACKAGES

GC Initial Ti Bonder	
874027	Intro Kit (4 g powder, 25 ml liquid)
874025	4 g powder
874026	25 ml liquid

### CHARACTERISTICS & BENEFITS

- Easy to apply and short working steps
- Easy to mix (powder and liquid)
- Suitable for all titanium metals – whether pure or alloyed, cast or milled
- Perfect match between the GC Initial Ti Bonder and GC Initial Ti Ceramic

## GC Initial INmetalbond



Buffer Between Initial Metal Ceramics And Dental Alloys

The bonder is used as an intermediate coat between the alloy and the ceramic. It blocks escaping metal oxides and neutralizes differences in the expansion coefficient.

### PACKAGES

GC Initial INmetalbond	
877050	8 g paste (2 x 4 g paste)

### CHARACTERISTICS & BENEFITS

- Easy to apply
- Ready-to-use paste
- Neutralises differences in the expansion coefficient between Initial metal ceramics and dental alloys
- Improves and secures the chemical bond on various types of alloys
- Allows a wider span of CTE Compatibility

## GC Initial Connector Paste



Fine Ceramic Paste For The Sinter Technique

The GC Initial MC/LF Connector Paste is used as an intermediate coat between the GC refractory die materials to ensure a perfect fit and optimal firing result for the ceramic sinter technique.

### PACKAGES

GC Initial MC/LF Connector Paste	
877030	6 g paste

### CHARACTERISTICS & BENEFITS

- Ready-to-use paste
- Red colour for optimal application on refractory model before firing
- Perfect match with GC Initial MC and Initial LF

## GC Initial Zr-FS / GC Initial AL

### Multi-Indication Full Ceramic System

The GC Initial Ceramic System opens up new horizons of multiple perspectives for full ceramic. Whether you work with classic aluminium oxide or follow the new zirconium trend, Initial always offers you optimal, reliable and cost effective solutions. Initial is setting new standards for the full ceramic future.



#### CHARACTERISTICS & BENEFITS

- Precisely matched thermal expansion coefficients
- High wettability of framework structures, ensuring a secure bond
- Optimised shrinkage properties, highest firing stability
- Effect materials for all the different staining and layering techniques
- Highly fluorescent primary dentines for optimally natural and creative shading options
- Extremely efficient and economical
- Cross-system logic for all materials and shade matching
- Simple handling and short learning curve
- Quick, aesthetic and economical results

#### NOTE

The Zr Light Reflective Liners are ready-to-use liners designed for reliable shade masking of different coloured Zircon frameworks while maintaining the aesthetically relevant light effects. After conditioning the framework in this way, a standardised layering technique will lead to perfect shade results.

For details regarding set composition and refills, please refer to individual leaflets or item lists on our website:  
<http://www.gceurope.com>

#### PACKAGES

GC Initial AL	
877008	Basic Set
877009	Advanced Set
877067	Bleach Set
GC Initial Zr-FS	
877010	Basic Set
877011	Advanced Set
877068	Bleach Set
877072	Gum Shades Set Paste Opaque
GC Initial Stain Set	
877017	Stain Set INvivo/INsitu AL, Zr, Ti

## GC Initial PC / GC Initial LF

### Multi-Indication Pressable Ceramic System

Even when used with the ceramic press technique, the GC Initial Ceramic System links economy with aesthetics. Perfectly matched, multi-indication components enable you to work extremely efficiently and cost-effectively. GC Initial LF is not only a standalone product, but there's also no problem using it for finishing surfaces or together with the GC Initial PC press ceramic variant in a complete full ceramic system. Initial is systematically versatile, simple, aesthetic, economical and reliable.



#### CHARACTERISTICS & BENEFITS

- All components have precisely matched thermal expansion coefficients
- High wettability of framework structures, ensuring a secure bond
- Optimised shrinkage properties, highest firing stability
- GC Initial PC and GC Initial LF offer a complete full ceramic system
- Effect materials for all the different staining and layering techniques
- Cross-system logic for all materials and shade matching
- Straightforward and identical concepts for the individual set components
- Simple handling and short learning curve
- Extremely efficient and economical

#### NOTE

For details regarding set composition and refills, please refer to individual leaflets or item lists on our website: <http://www.gceurope.com>  
For more details about GC MultiPressVest, please see page 78.

#### PACKAGES

GC Initial PC	
877018	Starter Package
GC Initial LF	
877005	Basic Set
877006	Basic Plus Set
877007	Advanced Set
877066	Bleach Set
GC Initial Stain Set	
877016	Stain Set INvivo/INsitu MC, LF, PC

## GC Initial Gum & Bleach Shades

The All-Round Ceramic System For Each And Every Indication

“No white aesthetics without red aesthetics”. To make gingival restorations with Initial even more aesthetic and more natural, the add-on sets GC Initial MC and GC Initial Zr gum shades meet all the requirements for highly aesthetic gingival reproductions. To extend this harmonised shading system and to follow the trend for very light tooth colours, GC offers the GC Initial Bleach Shades, a unique colour set that allows you to match even the lightest tooth shades whatever ceramic restoration system you use.



### CHARACTERISTICS & BENEFITS

#### GC Initial Gum Shades

- Five nature analogue gingival shades
- Especially suited to indications in the areas of implant suprastructures, crown & bridgework techniques
- For soft tissue zones made of ceramic that need to be individually characterised to create a lifelike transition from the crown margin to the gingiva
- Individual steps can easily be divided between the different firings – depending on the indication and individual preference

#### GC Initial Bleach Shades

- Complementary to five Initial ceramic systems
- Highest aesthetics thanks to true-to-nature light dynamics
- Special shades beyond the conventional colour palette
- Different components can be added together to create increasingly aesthetic restorations

### PACKAGES

GC Initial Gum shades	
877070	GC Initial MC, Gum Shade Set (Powder Opaque)
877071	GC Initial MC, Gum Shade Set (Paste Opaque)
877072	GC Initial Zr, Gum Shade Set
GC Initial Bleach shades	
877065	GC Initial MC, Bleach Set
877066	GC Initial LF, Bleach Set
877069	GC Initial Ti, Bleach Set
877068	GC Initial Zr, Bleach Set
877067	GC Initial AL, Bleach Set

## GC Initial IQ - GC Lustre Pastes NF

### 3-Dimensional Ceramic Stains

The GC Initial IQ Lustre Pastes NF are 3-dimensional ceramic stains developed to bring colour depth and lifelike translucency to the GC Initial IQ Press and Layering systems, but also to all other ceramics in the GC Initial range. The "New Formula" GC Lustre Pastes are available in ready-to-use jars and are universal in use since they match to both "low" and "high" CTE ceramics. The GC Lustre Pastes NF are based on fine ceramic particles and can be applied in a thicker layer where they will exhibit unsurpassed vitality and give your restorations a natural glaze.



### PACKAGES

GC Initial IQ, Lustre Pastes NF	
877078	GC Initial IQ, GC Lustre Pastes NF Set (1x, 1 x Value, 4 x Body Shades, 8 x Enamel effect shades, Diluting Liquid, Refresh Liquid, 1 mixing dish, 2 brushes, Picture IFU)
Refills	
876401	Neutral, 4 g
876402	Body A, 4 g
876403	Body B, 4 g
876404	Body C, 4 g
876405	Body D, 4 g
876406	Enamel Effect Vanilla, 4 g
876407	Enamel Effect White, 4 g
876408	Enamel Effect Light Grey, 4 g
876409	Enamel Effect Dark Grey, 4 g
876410	Enamel Effect Light Blue, 4 g
876411	Enamel Effect Dark Blue, 4 g
876412	Enamel Effect Incisio, 4 g
876413	Enamel Effect Olive, 4 g
876414	Enamel Effect Value, 4 g
876220	Diluting Liquid, 8 ml
876400	Refresh Liquid, 8 ml
GC Initial IQ Lustre Pastes NF Accessories, 1pce	
877051	Brush 00
877052	Brush 2
877053	Mixing dish
877054	Plastic cover
877055	Aluminium box

### CHARACTERISTICS & BENEFITS

- Just one kit compatible with the complete GC Initial ceramic range (CTE - Range between 6,9 and 13,3)
- Available in a ready-to-use jar for a more convenient application
- Diluting and Refresh liquids to keep the optimal consistency until the end
- Improved pastes with a finer thixotropic property for easy and precise application

### HOW TO USE

In addition to their application in the GC Initial IQ concepts, these GC Lustre Pastes NF also represent a modern alternative for conventional staining and glazing, as well as colour and surface texture corrections for all your GC Initial ceramic crowns and bridges.

## GC Initial IQ – Layering Concept

### Layering-over-Metal and Layering-over-Zircon

Through the development of the GC Initial IQ Layering Concept, GC can offer a compact ceramic set for the fast and easy reproduction of standard Vita® shades. This system enables technicians to concentrate on the build-up and create vitality and a natural appearance with the GC Initial IQ Lustre Pastes NF in the final step. The GC Initial IQ approach demonstrates consistent quality and aesthetic results time and again with fewer materials.



#### CHARACTERISTICS & BENEFITS

- Layering-over-Metal is compatible with standard porcelain alloys
- Layering-over-Zircon is compatible with all Zr-based technologies
- Crown build-up with only one powder allows full attention to shaping and function
- Fast reproduction of standard Vita® colours following the 'paint by numbers' approach with GC Lustre Pastes NF
- No extra investments required
- Can be used as an excellent starter module for the GC Initial ceramic line

#### GC Zr Light Reflective Liners

These ready-to-use liners are designed for reliable shade masking of different coloured Zircon frameworks while maintaining the aesthetically relevant light effects. After conditioning the framework this way, a standardized layering technique will lead to perfect shade results. GC Zr Light Reflective Liners are part of the Layering Concept, but can also be used with conventional Zircon Ceramic, applying a multilayer technique (e.g. with GC Initial Zr FS) in order to provide the same great benefit in framework conditioning.

#### PACKAGES

GC Initial IQ Layering-over-Metal (L-O-M)	
877077	Layering-Over-Metal set Contents: GC Initial IQ L-O-M Set (5 x MC/Paste Opaque 3 g (A2, A3, B2, C2, D2), 4 x IQ/ L-O-M Body 50 g (A, B, C, D), modelling liquid, Glass Plate, Brush, Technical Manual)
GC Initial IQ Layering-over-Zircon (L-O-Z)	
877079	Layering-Over-Zircon set Contents: Initial IQ L-O-Z Set (7 x Light Reflective Liners 3 g (1-6, BL), Liner Thinner, 5 x IQ/ L-O-Z Body 50 g (A, B, C, D, BL), modelling liquid, Glass Plate, Brush, Technical Manual)
877080	Initial Zr, Light Reflective Liner Set (7 x Light Reflective Liners 3 g (1-6, BL), Liner Thinner), Technical Manual

## GC Initial IQ – Press Concept

### Press-over-Metal and Press-over-Zircon

The GC Initial IQ Press-over-Metal and Press-over-Zircon systems are feldspar-based pressable ceramics that demonstrate unsurpassed lifelike aesthetics. The pre-blended ingots and the GC Initial IQ Lustre Pastes NF add up to an internal light dynamic that delivers unrivalled vitality and natural lustre. This system is compact and easy to use, suitable to all dental technicians.



### CHARACTERISTICS & BENEFITS

- Press-over-Metal is compatible with standard porcelain alloys (CTE range 13.8 to 14.9)
- Press-over-Zircon is compatible with all Zr-based pressable and CAD/CAM technologies
- Can be used to press posteriors and anteriors without further layering technique
- Aesthetics are achieved following the 'paint by numbers' with GC Lustre Pastes NF
- Quick reproduction of standard Vita® colours

### PACKAGES

GC Initial IQ Press-Over-Metal (P-O-M)	
877074	Press-Over-Metal set Contents: Fluo Crystals, IQ/Effect Ingots: A1-M, A2-M, B1-M, B2-M, C1-M, C2-M, D2-M, IQ/ Effect Ingots Bleach: AO-M,BO-M, BOOM, IQ/Correction Powder: A1-M, A2-M, B1-M, B2-M, C1-M, C2-M, D2-M, IQ/ Correction Powder Bleach: AO-M, BO-M, BOO-M, LF/ Modelling Liquid, Ring Base System Medium, Silicone Ring, One Way Press Plungers for 2 g Pellets
GC Initial IQ Press-Over-Zircon (P-O-Zr)	
877075	Press-Over-Zircon set Contents: 4 x Power Frame Modifier (PFM-1, PFM-2, PFM-3, PFM-4), 10 x Effect Press Ingots (A1, A2, B1, B2, C1, C2, D2 + 3 x Bleach), 10 x Correction Powders (A1, A2, B1, B2, C1, C2, D2 + 3 x Bleach), Modelling Liquid, Ring-Base System Medium (200 g) + Silicone Ring, 10 x One Way Press Plungers for 2 g Pellets

## GC GRADIA®

### Total Aesthetic Harmony

GC GRADIA® represents the well-established concept of a high-strength micro-hybrid composite system with clinically proven durability, natural opalescence and excellent lifelike aesthetics. The GC GRADIA® Bleach shades fulfil the demand for beautiful cosmetic restorations.



#### CHARACTERISTICS & BENEFITS

- Hybrid MFR formulation
- High mechanical strength
- Excellent physical properties, such as surface smoothness and wear resistance
- Biocompatible and antagonist friendly
- Natural appearance due to lifelike tooth shades
- Easy, ceramic-like build-up technique
- Easy polishability
- Direct, intra-oral repairing

#### INDICATIONS

- Metal-supported crowns & bridges
- Metal-free crowns & bridges
- Facings
- Inlays/onlays
- Implant suprastructures
- Partial dentures

#### HOW TO USE

The non-sticky texture of the pastes used in the GC GRADIA® system enables easy and controlled spreading on all surfaces and precision applications such as jacket crowns and free incisal edges. The screw section on the GC GRADIA® syringes can be re-used by simply replacing the barrels to reduce waste, whilst the flip-top opening facilitates paste dispensing.

#### NOTE

For more details regarding set composition and refills, please refer to individual leaflets or item lists on our website: <http://www.gceurope.com>

#### PACKAGES

GC GRADIA®	
001419	Master Set, containing all pastes necessary to realise 10 Vita shades: A1, A2, A3, A3.5, B2, B3, B4, C2, C3, D3 (total 57 syringes) & accessories
001517	Standard Set, containing all pastes necessary to realise 6 Vita shades: A2, A3, A3.5, B2, B3, C2 (total 26 syringes) & accessories
Refill	All 57 syringes are available as single refill
GC GRADIA® Bleach Shades	
Refill	Complete range of syringes available as single refill to realise the AO, BO shades
GC GRADIA® Intensive Colours	
001529	Intensive Colour Set (11 shades) Refill All 11 colours are available as single refill
GC Retention Beads II	
000512	Set (1 Retention Beads II 15 g + Retention Beads Adhesive 10 ml)

## GC GRADIA gum shades



### Light-Cured Gum Shade System

The GC GRADIA gum shades system is designed to provide a similar effect to natural gingiva. With this light-curing composite, gingiva tissues can be reproduced by means of basic or multiple layering techniques.

#### CHARACTERISTICS & BENEFITS

- Unlimited possibilities for gingival tissue reproduction
- Excellent mechanical and physical properties of a micro-filled composite
- Easy to polish and to clean
- Also to be used in combination with ceramics

#### INDICATIONS

Reproduction of gingiva for implant suprastructures, crowns & bridges and for the characterisation of full and partial dentures.

#### PACKAGES

GC GRADIA gum shades	
001889	Starter Package: 7 shades (2 gum opaques, 4 gum bodies, 1 gum translucent)

## GC Optiglaze



### Nano-filled Light-Cured Protective Coating

Coating agent which simplifies the finishing process by providing an aesthetic glossy surface on artificial teeth, removable dentures and temporary crowns. GC Optiglaze is the solution for areas that are difficult to polish such as posterior fissures or interproximal areas of indirect composite restorations.

#### CHARACTERISTICS & BENEFITS

- Single dispersion nano-filler technology
- Easy to handle and time saving
- Very thin coating layer (25-50µm) with no influence on restoration colour
- High resistance against wear and discolouration
- Superior bond durability for a long lasting gloss

#### HOW TO USE

Apply onto the surface with a brush and light-cure for 3 min. with GC Labolight LV-III. For direct application in the mouth GC recommends the use of GC G-Coat PLUS.

#### PACKAGES

GC Optiglaze	
002613	15 ml bottle

## GC Stick & StickNET

### Fibre reinforcements for composites and acrylics

GC Stick and GC StickNET provide a strong, aesthetic and profitable solution for strengthening composites and acrylics. They are made of silanated E-glass fibres embedded in a polymer matrix. These reinforcements can be used with light-cured, chemically-cured and dual-cured resins and composites, as well as with powder-liquid acrylics. The unidirectional Stick fibre bundle adds strength and stiffness to the material in the direction of the fibres. The GC StickNET fibre net adds strength and toughness to the material in two directions.



### CHARACTERISTICS & BENEFITS

- Solution for a wide range of indications
- Compatible with most composites and acrylics
- Unique patented bonding
- Low starting investments
- Simple and time-saving fabrication method
- As strong as metal
- Metal free and aesthetic
- Easy to repair
- Extensive research data

### INDICATIONS

GC Stick is especially recommended for dentures

- New partial and full removable dentures
- Denture repairs

And also for

- Surface retained bridges
- Inlay and onlay bridges
- Implant supported bridges
- Hybrid bridges
- Temporary bridges

GC StickNET is especially recommended for reinforcing crowns and thin areas of removable dentures.

And also for

- Post and core crowns
- Veneers
- Clasp areas in removable dentures

### PACKAGES

<b>GC Stick</b>	
900820	4 x 15 cm refill
<b>GC StickNET</b>	
900821	1 x 90 cm <sup>2</sup> refill
<b>GC StickResin</b>	
900823	5 ml Adhesive bottle

## GC Metal Primer II



Adhesive For Bonding Dental Acrylics And Composites To Metal

Safe, gap-free and durable bond between composite and various alloys.

### PACKAGES

GC Metal Primer II	
000554	5 ml liquid & 1 brush

### CHARACTERISTICS & BENEFITS

- Simply applied with a brush for easy and fast handling
- No special equipment needed
- Resistant to moisture, offering reliable adhesion
- Can be used with all dental alloys

### HOW TO USE

For repairs in the mouth, safe bonding can be achieved with rubber dam.

## GC Composite Primer



Adhesive For Bonding Composite To Composite

Rebuilds the inhibition layer for safe bonding between composite & composite.

### PACKAGES

GC Composite Primer	
001530	3 ml liquid

### CHARACTERISTICS & BENEFITS

- Simply applied with a brush
- Easy and fast handling
- Rebuilding of inhibition layer
- Safe composite bonding

### HOW TO USE

Composite Primer is also applied for safe bonding when individualising artificial teeth and acrylic denture bases using GC GRADIA and GC GRADIA gum shades.

## GC Ceramic Primer



Adhesive For Bonding Composite To Ceramics

Safe bonding of laboratory resins, composites and acrylics to ceramic surfaces.

### PACKAGES

GC Ceramic Primer	
001930	1-1 Pack: A 2 ml liquid, B 2 ml liquid

### CHARACTERISTICS & BENEFITS

- Simply applied with a brush
- Easy and fast handling
- Safe bonding

### HOW TO USE

GC Ceramic Primer and GC Composite Primers secure the safe bonding of GC GRADIA and GC GRADIA gum shades to

ceramic restorations. In the dental office it is used to firmly bond ceramic prostheses to tooth structure using resin adhesive cement.

## GC Labolight LV-III



For Effective Final Polymerisation

### CHARACTERISTICS & BENEFITS

- Excellent light-curing ability for safe polymerisation including opaque layers
- Integrated fan with optimum temperature control during polymerisation
- Outstanding handling characteristics
- Spacious curing chamber adapted to all sizes of bridges
- Compact design
- Specifications: Power supply AC 220V 50/60Hz

### PACKAGES

GC Labolight LV-III	
001553	GC Labolight LV-III, incl. accessories (2 turntables, 2 stands with 8 posts, 3 fluorescent lamps)
001193	Fluorescent replacement lamp for GC Labolight LV-II/LV-III, 1 pce

## GC Steplight SL-I



For Safe Pre-Curing

### CHARACTERISTICS & BENEFITS

- Specially developed for safe pre-polymerisation of GC GRADIA
- Easy-to-use ergonomic design
- Automatic timing for 10 sec. of pre-polymerisation
- Integrated cooling fan
- Specifications: Power supply AC 220/230V 50/60Hz

### PACKAGES

GC Steplight SL-I	
001537	GC Steplight SL-I
001557	Halogen replacement lamp, 1 pce

## A NEW STANDARD IN TRAINING AND EDUCATION

GC has always invested heavily in providing the very best in training and education to its customers. The GC Europe Campus Meeting and Education Centre plays an important role in our ability to deliver top quality education programmes aimed at the whole dental team.

A desire to promote communication and understanding between dentists and technicians is also a long held belief and the ability to promote and disseminate knowledge amongst dental professionals is a fundamental principle of our business.

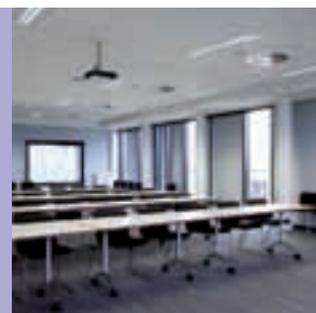
This commitment to research and continuous education has been the foundation for the GC Europe Campus Meeting and Education Centre, which is located on our Headquarters site in Leuven, Belgium. The Centre covers an impressive 1.600m<sup>2</sup> of usable floor space. The ground floor is an open lobby, a meeting room and a large restaurant. The training facilities are located on the first floor and include a multimedia room and fully equipped modular training laboratory that can accommodate up to 12 people for hands-on training sessions, as well as a separate room for plaster and polishing, with a third room to encompass investing and casting. Furthermore, a fully equipped dental surgery with panoramic x-ray and sterilisation room completes our learning facility.

This state-of-the-art environment enables us to exchange knowledge with our worldwide network of dental professionals and to deliver hands-on courses, presentations and demonstrations of all our major technologies and products by world-class trainers.

## DENTAL TRAINING COURSES BY GC EUROPE

### Tailor-made dental training courses for dentist and technicians

These courses take into account the learning preferences of each group. A tailor-made programme will give the right amount of challenge and encouragement to each participant. We can organise courses for groups of various sizes ranging from eight to 100 attendees. The course length can vary from half a day up to three days. Tailor-made courses can either be delivered on-site, or based at one of our GC sites throughout Europe.





## TRAINING COURSES FOR THE FORWARD-THINKING DENTIST

### Understanding and using GC composites

To create anatomically functional and aesthetically pleasing restorations, there is only one model to copy: the natural tooth. After analysing the structure of the natural elements, simple steps are applied to rebuild the perfect copy of the original. This course consists of different training levels in which you will become familiar with the GC G-ænial layering technique and will enhance your skills to the highest level.

### See Glass Ionomer technology from a fresh perspective

GC's ongoing commitment to glass ionomer research and innovation has driven the development of GC EQUIA: a unique restorative system for aesthetic and economical posterior restorations with impressive strength and durability. Sign up to this training module if you want to find out more about the new generation of glass ionomers and how they can benefit your practice and patients.

### A vision of caries management

Minimum intervention or MI is the modern 'medical' approach to the management of caries and its principles are very simple:

- To identify and assess any potential caries risk factors early
- To prevent caries from occurring by eliminating or minimising risk factors
- To restore demineralised enamel and protect against further damage
- To offer patient recall periods depending on caries susceptibility

This training module will offer you information and strategies on how to use and implement this into your daily work while running a profitable practice.

### Perfect impressions under all conditions

Inside the mouth, the environment can be unpredictable but you can always rely on GC to offer you solutions for precise and detailed reproductions. Different materials and techniques combined with tips and tricks will be discussed in this training module.

### Fibre reinforcement with Stick & everStick

This course will guide you through all possibilities and tips and tricks on how to use the various fibre products in a correct way, covering the following indications:

- Aesthetic retention
- Root canal posts
- Periodontal splinting
- Splinting traumatised teeth
- Bridges for anterior or posterior regions



## TRAINING COURSES FOR THE FORWARD-THINKING DENTAL TECHNICIAN

### Create your world with Initial

GC Initial represents a paradigm shift in ceramic systems as it consists of six ceramics in one integrated product line and colour line, which can create from metal-ceramic all the way to full-ceramic restorations. Participants will gain insight into

- the philosophy of the Initial system
- the essential processes for different ceramic applications
- the principles of the different GC Initial layering approaches
- explanations of the colour system and different powders
- useful tips and tricks

### Understanding and using laboratory composites

GRADIA is a unique light-cured micro-ceramic-composite system for crowns, bridges, inlays and veneers, which give restorations a colour tone close to that of natural teeth. During this course our experts explain the step-by-step procedures of building up various GRADIA and GRADIA gum shade restorations. The course includes practical oriented tips and tricks and explanations on the technical and clinical aspects of composites restorations.

### Guidelines for optimal use of stones & investments

GC's stones and investments are high quality products which have been specifically designed to produce consistently accurate castings and meet the production requirements of the modern dental laboratory. This course will help you understand our GC Fujirock stones and GC Fujinvest Investments in more detail. Useful information will be provided that will help you to avoid mistakes and potential problems, by identifying the optimal techniques and by analysing the various problems that can occur if best practice is not followed.







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# GC EUROPE



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