

Technical Data Sheet

Praimex

PROPERTIES AND RECOMMENDED USAGE

Paint type:

PRAIMEX is a fast drying, alkyd based primer with rust-preventing pigments.

Typical uses:

PRAIMEX is recommended for use as a primer or tiecoat on steel surfaces in environmental classes C1-C4. Specially suited for fast painting in mechanical workshops.

Most common SFS-EN ISO 12944-5 systems:

A2.01 AK 80/2-FeSa2½

A3.01 AK 120/2-FeSa2½

A3.02 AK 160/3-FeSa2½

Chemical resistance

Resistant to occasional water and aliphatic solvent spillages. It is not resistant to acids and alkalis.

TECHNICAL DATA

Volume solids:	approx. 45 vol. %
Total mass of solids*:	approx. 840 g/l
VOC value*:	approx. 480 g/l

*Values are calculated

Drying times: 60 µm

	+10 °C	+23 °C
Surface dry	40 min	15 min
To touch	1,5 h	30 min
To recoat	1,5-6 h	1-5 h

Calculated theoretical coverage and recommended film thickness:

Dry	Wet	Coverage
40 µm	90 µm	11,2 m ² /l
60 µm	135 µm	7,5 m ² /l
80 µm	175 µm	5,6 m ² /l

Practical coverage:

Depends on wind conditions, structure to be painted, roughness of the surface and application method.

Colour:

Red and grey

Thinner and cleaner:OH 07 or OH 08

Finish:Matt

APPLICATION INSTRUCTIONS**Surface preparations:**

All solid impurities that could prevent adhesion should be removed from the old surfaces. Remove salts and other water soluble impurities by wet cleansing with brush, high pressure-, steam- or alkali cleansing. Remove grease and oils by alkali-, emulsion- or solvent cleansing (SFS-en ISO 8504-3, SFS-EN ISO 12944-4). The surfaces should be rinsed carefully with fresh water after cleansing. Old, painted surfaces, in which maximum overcoating interval has expired, additional roughening with suitable method is recommended.

Steel surfaces:

Blast cleaning to a minimum of Sa 2½ (SFS-ISO 8501-1, SFS-EN ISO 8504-2). Tool cleaning at least to grade St 2 (ISO 8501-1:2007) may be acceptable depending on strain conditions of the paint film.

Shop primed steel surfaces:

Damaged or corroded surfaces should be blast cleaned to a grade of Sa 2½. Undamaged surfaces should be washed (SFS-ISO 8501-2, SFS-EN ISO 12944-4).

Primer:PRAIMEX

Topcoat:NORRAPID 7/10/12, PIONER TOPCOAT

Environmental conditions during application:

The surface should be dry and clean. During application and drying time the temperature of the paint, air and surface should be over +5 °C and the relative humidity below 85 %. The surface temperature should be min 3°C above the dew point of the air.

Method of application:

Airless spray or brush. The paint must be thoroughly mixed before application. Thin 0-10 % (thinner OH 07 or OH 08) if needed. OH 08 is recommended when the temperature is above +25 °C or when overspray causes roughness to the surface. High pressure airless spray with a nozzle tip of 0,013"-0,018" orifice. Spray angle depending on the object to be painted. In order to ensure the best possible performance of the product, it is recommended that the paint is at room temperature before the application.

Storage and shelf life:

The product must be stored in original sealed containers at temperatures from 5°C to 30°C. The storage conditions are to keep the containers in a dry, well ventilated space away from source of heat and ignition. When stored as described above, the unopened product will keep up to **3 years** from the date of manufacture. The date of manufacture is indicated in the label of the paint can as a batch date.

Safety:

Please follow the environmental and safety instructions displayed on the container and Safety Data Sheet. Use under well ventilated conditions. Do not breathe or inhale mist, use respirator mask. Avoid skin contact. Spillage on the skin should immediately removed with suitable cleanser, soap or water. In case of contact with eyes, rinse immediately with plenty of clean water and if necessary seek medical advice.

DISCLAIMER: The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the paint is often used under conditions beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without notice. Please contact our office for more specific information.

Technical Data Sheet 5/15

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