

## Technical Data Sheet

# Norrapid 10

### PROPERTIES AND RECOMMENDED USAGE

#### Paint type:

NORRAPID 10 is a fast drying semigloss alkyd based top coat.

#### Typical uses:

Steel structures, machinery and equipment in environmental classes C1-C4. It is specially suited for 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

A4.01 AK 200/4-FeSa2½

#### Chemical resistance

Resistant to occasional water and aliphatic solvent spillages. It is nor resistant to acids and alkalis.

### TECHNICAL DATA

Volume solids:	approx. 48 vol. %
Total mass of solids*:	approx. 720 g/l
VOC value*:	approx. 450 g/l

\*Values are calculated.

#### Drying times: +23 °C / 50 µm

Surface dry	15 min
To touch	30 min
To recoat	2-4 h

#### Calculated theoretical coverage and recommended film thickness:

Dry	Wet	Coverage
40 µm	85 µm	12,0 m <sup>2</sup> /l
60 µm	125 µm	8,0 m <sup>2</sup> /l

#### Practical coverage:

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

#### Colour:

RAL-, NCS-, KY- and SSG colours.

The objects painted with the same shade, but using different paint types, might have differences in the appearance and shade due to the variation in the paint properties, gloss levels and application methods.

#### Thinner and cleaner:

OH 07 or OH 08

**Finish:**

Semi gloss

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## 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.

**Primer:**

PRAIMEX, PAJA-POHJA, NORMASPEED 100 PRIMER

**Topcoat:**

NORRAPID 10/12

**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 above +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.

**Packaging (typical):**

	Volume (litres)	Size of containers (litres)
Norrapid 10	3 / 10 / 20	3 / 10 / 20

**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 remove 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.*

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