



Novo Prime RF

Data Sheet

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One component fast drying red oxide primer coating based on special modified synthetic resin.

DESCRIPTION

Novo Prime RF is a one component Primer based on special modified synthetic resin, the coating film is fast drying and matt in micro red oxide primer pigment.

USAGE

Novo Prime RF is specially made for:-

- Protection ferrous metals from corrosion.
- Economical anti-corrosion coating in industrial and marine coatings.
- Anti-corrosion coating for spot repair to steel reinforcement of reinforced concrete.

ADVANTAGES

- Fast drying one component and easy to apply.
- Economical.
- Compatible with most coating systems.
- Heat resistant up to 130 C° for dry film.
- Can be spray applied up to 70 µm dft.
- Over paintable with 1 & 2 top coats.

PROPERTIES@ 25 C°

Color	Red
Gloss	Matt
Solid content by Weight	66±2 %
Solid content by Vol.	38 ±2 %
Specific gravity	1. 55 ± 0.20 g/cm ³
Touch dry	20 min
Hard dry	2 hrs.
Shelf life	12 months in suitable storage conditions
Rate of use	4-6 m ² /kg -/ 50µ -DFT

PACKING

Novo Prime RF 25 kg
Novo Sol X 2 4& 20 Lt

THEORETICAL COVERAGE

Dry film Thick.	Rate of use
At 30 µ - DFT	8 m ² / kg
At 40 µ -DFT	6 m ² /kg
At 50 µ -DFT	5 m ² / kg
At 75 µ - DFT	3.5 m ² / kg

DRYING AND CURING TIME

Temperature	5 °C	25°C	40°C
Surface (touch) dry	35 min	20min	10 min
Hard dry	2.5 h	2 h	1 h
Dried to over coat, minimum	2.5 h	2 h	1 h

- Drying and curing times are determined under controlled temperature and relative humidity below 82%, and within the DFT range of the product. Surface (touch) dry; the state of drying is when a finger press does not leave an imprint or reveal tackiness. Dry sand sprinkled on the surface can be brushed off without sticking to or causing damage to the surface.
- Hard dry the state of drying when pressure on the surface equal 2 kg does not affect the film surface.

COATING SYSTEM

- **Steel blast clean to SIS-Sa2½:**
 1. One wet coat of **Novo Prime RF** of 60 – 75 µm.
 2. Two coats of top coats total dry film thickness 100 - 150 µm.

APPLICATIONS METHOD

(Recommended thinner **Novo Sol X 2**)

By brush & roller:

Volume of thinner 0 - 5%

Air spray:

Volume of thinner 0 - 15%

Airless spray application:

-Volume of thinner 0-15% according to

Required- **DFT**

-Nozzle orifice 0.40-0.53 mm.
(0.016- 0.019 inch)

- Nozzle pressure 15Mpa.

Note:

- So it is preferred not to weather for long periods before Top coating should be reduced to minimum.

HEALTH AND SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- For skin contact, remove it with suitable cream followed by soap and water cleaning.
- For eye contact rinse with plenty clean water then ask for Medical advice.
- For more details, safety data sheet for the product is required.