

## One component fast drying Zinc Dust primer.

### DEFINITION

**Novo Prime ZR1** is a one component zinc dust primer based on a special modified synthetic resin; zinc dust and micro fine zinc phosphate are the coating.

### FIELDS OF USE

**Novo Prime ZR1** is specially produced for

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

### ADVANTAGES

- Acquire a homogenous consistency by manual mixing.
- Fast dry one component, Easy to apply.
- Economical.
- Good anti-corrosion primer for steel.
- Compatible with most coating systems.
- Heat resistant up to 150 C°. For dry film.
- Can be spraying applied up to 75µm dft.
- Over paintable with 1 & 2 top coats.

### PROPERTIES @ 25 C°

DISCRIPTION	VALUE
<i>Color</i>	Gray
<i>Density</i>	(1.75 ±0.05) gm. / cm <sup>3</sup>
<i>Viscosity</i>	80 ± 5 Ku (approx.)
<i>Solid content (by WT.)</i>	(73±2) %
<i>Solid content (by Vol.)</i>	(45±2) %
<i>Surface dry</i>	20 Min.
<i>Hard dry</i>	2 hr.
<i>Thinner</i>	Novo Sol X2
<i>Coverage</i>	3-4 m <sup>2</sup> / kg / 75 µ DFT

### SURFACE PREPARATION

- The surface of substrate should be cleaned from oil, grease, dirt, and loose particles.
- Steel blasts clean to SIS-Sa2½:
- The surface should be smoothed well by suitable putty and blasted to be smooth.
- Mix well the contents of the can for use.
- One or two coats of **Novo Prime ZR1** are recommended for applying.
- Can be applied using brush, roller or spraying gun.
- Can be thinned by **Novo Sol X2** (5-10) %
- Clean tools by **Novo Sol T 09**

### COVERAGE

3- 4 m<sup>2</sup> / kg / coat -75 µ -DFT (depending on the surface condition and type)

M <sup>2</sup> /Kg	3.4	2.6	2	1.5
DFT in µm	75	100	125	150

### STORAGE

- Best stored at room temperature in dry conditions.
- Avoid humidity, cold freezing conditions and off concrete floors.
- Do not store in direct sunlight.  
Storage temperature (10 -27) C °

### SHELF LIFE

12 months in original unopened packaging

### PRECAUTIONS & SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- Application should be carried out in well ventilate place.
- For skin contact, remove it with suitable cream followed by soap and water cleaning.
- Don't eat or smoke during use.

#### NOVOCHEM S.AE

المقر الرئيس والمصنع

مصر - الجيزة - مدينة السادس من أكتوبر - المنطقة الصناعية الثالثة - بلوك 91,102,103

Headquarters and Factory

Egypt - Giza- 6<sup>th</sup> of October City - 3<sup>rd</sup> Industrial Zone - Blocks 91,102,103

Tel. : (+202) 369 182 33

Fax: (+202) 369 182 32

[www.novochem.net](http://www.novochem.net)

[info@novochem.net](mailto:info@novochem.net)

[@](#) [f](#) Novochem

