

# BONDPROTECT 101

Self-Priming Epoxy Mastic Coating with Aluminum, MIO and Glass Flake



## PRODUCT DESCRIPTION

BondProtect 101 is a high build, high solid, specially formulated surface tolerant, self-priming Epoxy Mastic coating with Aluminum, MIO and Glass flake, for application over manually cleaned rusty surfaces to St 3 standard as well as over hydro blasted surfaces. It is a best available maintenance coating, which not only tolerates firmly adhering rust, even aged coatings need not be removed as BondProtect 101 is compatible with most prior applied aged coatings. It is also suitable for concrete surfaces.

## ADVANTAGES

- Excellent abrasion resistance
- Excellent water resistance
- Excellent protection against spills and splashes of a range of chemicals
- Excellent corrosion resistance
- Tough and hard-wearing

## USES

Suitable for use in a wide range of environments including Steel structures, offshore structures, Chemical and Petrochemical Industries, Pipeline coating, storage tank, fertilizer industry, Power industries, bridges, pulp and paper industries.

## TECHNICAL DATA

PROPERTIES	RESULTS
Chemical Base	Epoxy Amine
Color	Grey
Surface Finish	Semi Glossy

Volume Solid	90 ± 2 %
Typical Thickness	100-150 Micron/Coat
Theoretical Coverage	6 to 9 Sq. mtr/Lit/coat
Over Coating	Min 8 hours
Interval	Max 7 days
Full Cure	7 days
Flash Point	Above 28 °C
Specific Gravity	1.50-1.60 Kg/Liter
VOC	100-150 g/l
Temperature Resistance	130°C to 150°C
Shelf-life	12 Months

#### **STORAGE**

12 months minimum at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

#### **APPLICATION METHOD**

#### **SUBSTRATE REQUIREMENTS**

All surfaces should be clean, dry and free from contamination like oil, grease, etc. which is to be removed by solvent cleaning. Steel Blast clean to SA 21/2, if impractical prepare surface using hand tools or power tools to achieve St 3 grade of surface preparation.

#### **MIXING**

Stir it thoroughly, if settling is observed. Mix part B in to part A under continuous stirring for homogenous mixing.

#### **APPLICATION**

It is recommended to be done by Spray or Brush. Do not apply when temperature falls below 10°C above 50°C or when relative humidity rises above 85% or during rain, fog or mist.

#### **PACKAGING**

20 liters

#### **PRECAUTIONS**

Take care to avoid skin or eye contact and breathing vapors. In the event of the skin contact immediately wash thoroughly. In the event of eye contact, wash continuously for 15 minutes in water and seek medical advice. Wear protective clothing, gloves, and safety glasses while using this product. If inhalation occurs, move to fresh air and seek medical advice in case of difficulty in breathing. Keep material away from heat, flames, and sources of ignition.

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