



Product Description

This is a two component polyamine cured epoxy mastic coating. It is a surface tolerant, high solids, high build product. Specially designed for areas where optimum surface preparation is not possible or desired. Provides long lasting protection in environments with high corrosivity. Can be used as primer, mid coat, finish coat or as single coat system in atmospheric and immersed environments. Suitable for properly prepared carbon steel and aged coating surfaces. It can be applied at sub zero surface temperatures.

Recommended Use

General: Primarily designed for maintenance and repair. Marine: Outside hulls, exterior and interior areas, including water ballast tanks. Protective: Recommended for offshore environments, including splash zones, refineries, power plants, bridges, buildings, mining equipment and general structural steel.

Outstanding Characteristics

- Good impact and abrasion resistance.
- Good acid, alkaline and chemical resistance.
- Good solvent resistance.
- Use as primer, intermediate or finish coat.

Surface Preparation

Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Abrasive blasting to Sa 2½, SSPC-10 with a sharp edged surface profile corresponding to Rugo test No.3, BN 9a, Keane-Tator comparator, 2.0 G/S or ISO comparator, Medium (G). For repair and maintenance in non-immersion areas; remove oil and grease, salts and other contaminants. Clean damaged areas by power tool cleaning to minimum ST3 or Sa2 by abrasive blasting.

Product Description

Finish	Semi flat – Semi gloss
Color	White, Grey, Red Brown
Volume Solids	84 ± 2%
Specific Gravity	1.48 ± 0.05 gr/cm ³
Flash Point	28 °C
Dry Film Thickness	150 -250 microns
Theoretical Coverage	5.6 - 3.3 m ² /lit 3.8 - 2.3 m ² /kg
Touch dry	6 hrs at 25 °C
Fully cured	7 days at 25 °C
Thermal Resistance Continuously	Up to 120 °C
Shelf life	12 months at 25 °C

Environmental Conditions

Surface temperature must be at least 3°C above dew point. Relative humidity during application should be less than 80%. Do not apply coatings under reverse environmental conditions. Each coat shall be air dried a minimum of 12 hours at 25° C prior to recoating. Longer recoat times will be required at lower temperatures. Normal recoat time is within 12 hours. Longer recoat times may require special surface preparation. These coating shall not be applied at temperatures below 10°C.





Application Details

Application method	Air/Airless spray ,Brush, Roller
Nozzle orifice	0.021"-0.027"
Nozzle pressure	200 bar / 2900 Psi
Ambient temperature	10-45° C
Mixing ratio Base / Hardener	26 / 4 by weight
Thinner/Cleaner	RZS T- 51
Pot life	90 minutes at 25°C Recoat interval
interval min	Min 24 hours at 25 °C Max 45 days at 25 °C Max 5 days for exteriors

Application Procedure

1. Flush all equipment with recommended cleaner before use.
 2. Stir pigmented resin (in the larger container) to an even consistency with a power mixer.
 3. Add cure to pigmented resin, and continue stirring for 5 minutes.
- Note: Since the pot life is limited and shortened by high temperatures, do not mix more material than will be used in 90 minutes at 25°C.
4. For conventional spray, thin with no more than 10-15% of recommended thinner for workability. For airless spray 5-10% of thinner is normally sufficient.
 5. Stir during application to maintain uniformity of material. Apply a wet coat by parallel passes. Overlap each pass 50% to avoid bare areas, pinholes or holidays.
 6. Double coat all welds, rough spots, sharp edges, rivets, bolts, etc. to ensure proper thickness.
 7. Check thickness of dry coating with a non-destructive dry film thickness gauge. Recoat if greater thickness is required.
- Note: If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.
8. Random pinholes, holidays and small damaged or bare areas can be touched up by brush when the film is dry to touch. Larger areas should be sprayed.
 9. In confined areas ventilate with clean air during application and drying until all solvents are removed.
 10. Clean all equipment with recommended cleaner immediately after use.

Safety

This product is flammable. Keep away from heat and open flame. Keep container closed. Avoid prolonged and repeated contact with skin. Since improper use and handling can be hazardous to health and cause fire or explosion, safety precautions included with application instructions must be observed during all storage, handling, and use and drying periods. If used in confined areas:

- circulate adequate fresh air continuously during application and drying.
- Use fresh air masks and explosion proof equipment
- Prohibit all flames, sparks, welding and smoking
- Take precautionary measures against static discharges Keep away.

Storage Conditions

Store in cool dry conditions, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperature , the shelf life may be reduced.

Disclaimers

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However we reserve the right to change the given data without notice. Any recommendation relating to the use of the products is based on data believed to be reliable. It is buyer to satisfy itself of the suitability of the product for its own particular use. As the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself

