

RZ - 3111

Bitumen Primer

Product Description

RZ-3111 is a bitumen based on solvent born primer.
Complies with BS. 6949

Recommended Use

As a primer on cementitious and metal surfaces before bituminous topcoating or before wrapping.

Outstanding Characteristics

- High corrosion resistance.
- Water proofing.
- Good penetration inside the porous of concrete.
- Excellent process ability.

Surface Preparation

Non-porous surfaces: All dirt, including loose adhering rust, mill-scale and grease should be removed.

Previously bitumen-covered surfaces: All dirt should be removed by washing or other suitable means. Any bare patches of metal should be spot-primed.

Porous surfaces: All dirt and dust should be removed by brushing and any loose adhering flakes of material should be detached. Washing is not satisfactory unless adequate time is given for water evaporation.

Technical Data

Finish	Semi gloss
Color	Black
Volume Solids	40 ± 2%
Specific Gravity	0.9 ± 0.05 gr/cm ³
Flash Point	23 °C
Recommended D.F.T.	30-50 microns
Theoretical coverage	13.3-8sqm/lit 14.8 - 8.88 sqm/kg
Touch dry	4-6 hrs at 25 °C
Shelf life	12 months at 25 °C

Application Details

Application method	Air / Airless spray, Brush, deep
Nozzle orifice	.013" – .015"
Nozzle pressure	150 bar / 2200 Psi
Ambient temperature	10 -45°C
Thinner/Cleaner	RZT-31
Recoat interval	Min when dry Non Max none

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Application Procedure of RZ-3111

1. Flush all equipment with recommended cleaner before use.
2. Stir the product thoroughly with a power mixer.
3. For conventional spray, thin with no more than 20% of recommended thinner for workability. For airless spray 10% of thinner is normally sufficient.
4. Apply a wet coat by parallel passes. Overlap each pass 50% to avoid bare areas, pinholes or holidays.
5. Spray with standard airless spray equipment having a 28:1 or higher pump ratio and a tip with a 0.43-0.48 mm orifice, or with conventional spray with a 1.8-2.2 mm orifice to obtain an even wet coat with minimum overspray.
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.
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 resprayed.
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.

Environmental Conditions

Air Temperature: 10- 40 °C
Material Temperature: 10 - 30 °C.
Relative Humidity: Max. 90%.
Surface Temperature should be at least 3 °C above dew point.
Don't apply when the wind speed is more than 5m/s.

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, 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 from food products.

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.

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