

RZ – 8131-6

Vinyl Top Coat

Product Description

RZ-8131-6 is a physically drying top coat based on vinyl copolymer resin complies with IPS-M-TP-200.

Recommended Use

As a versatile topcoat for vinyl systems on exterior steel structures exposed in moderately to severely industrial and marine corrosive environment.

Outstanding Characteristics

- Excellent water resistance.
- Good appearance.
- High durability.
- Good adhesion and good mechanical properties.

Surface Preparation

The surface must be clean, dry and free from any contamination such as grease, rust, mill scale, salt and loose paint.

Technical Data

Finish	gloss, semi gloss
Color	White , grey
Volume Solids	18 ± 2%
Specific Gravity	1.01 ± 0.05 gr/cm ³
Flash Point	23 °C
Recommended D.F.T.	25-30 microns
Theoretical coverage	7.2-6 m ² /lit 7.13-5.94 m ² /kg
Touch dry	1 hrs at 25 °C
Thermal resistance	80°C
Shelf life	12 months at 25°C

Application Details

Application method	Air/Airless spray, Brush, Roller
Nozzle orifice	.019"-.021"
Nozzle pressure	150 bar / 2200 Psi
Application temperature	5-45 °C
Mixing ratio	single pack
Thinner/Cleaner	RZ T – 81
Recoat interval	Min 8 hrs at 25°C Max Non at 25 °C

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Application Procedure RZ-8131-6

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 10-15% of recommended thinner for workability. For airless spray 5% 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. Double coat all welds, rough spots, sharp edges, rivets, bolts, etc. to ensure proper thickness.
6. Check thickness of dry coating with a non-destructive dry film thickness gauge. Recoat if greater thickness is required.

Note1: Maximum recoating interval in warm and industrial environments will be restricted 15days.

Note2: If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.

7. 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.
8. In confined areas ventilate with clean air during application and drying until all solvents are removed.
9. Clean all equipment with recommended cleaner immediately after use.

Environmental Conditions

Air Temperature: 5- 45 °C

Material Temperature: 5- 30 °C.

Relative Humidity: Max.85%.

Surface Temperature should be at least 3 °C above dew point.

Don't apply when the wind speed is more than 5m/s.

Do not Apply coatings under reverse environmental conditions.

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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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