



RZ - 1331

Acrylic Water Based Finish Coat

Product Description

RZ-1331 is a waterborne alkali resistant, acrylic topcoat in anti carbonation system. The product is water-repellent, but allows water vapor from the substrate to pass through the paint film.

Recommended Use

RZ-1331 provides excellent strength alkali resistance, durability and anti dust properties. It is used as anti dust topcoat applicable in paint system for interior and exterior applications.

Outstanding Characteristics

- Good water resistance.
- Containing film biocides to eliminate fungal growth
- Good weather resistance.
- Good anti dust properties.
- Non yellowing and good UV resistance.

Surface Preparation

All surfaces should be cleaned free of all dirt, rust, and other surface contaminants. Contamination under the coating could cause problems that may lead to assembly failures. Greasy or oily surfaces should be solvent cleaned with care taken not to paint over moist or wet surfaces. Old paint in peeling condition must be removed. Sandblasting or wire brushing is the preferred methods. Chalky paint must also be wire brushed for maximum adhesion.

Technical Data

Finish	Flat
Color	Limited Ral Colors
Volume Solids	43 ± 2%
Specific Gravity	1.45 ± 0.05 gr/cm ³
Recommended D.F.T.	100-200 microns (200 microns may be applied in two layers)
Theoretical coverage	4.3-2.15 m ² /lit 2.96-1.48 m ² /kg
Touch dry	30 min at 25 °C
Shelf life	12 months

Application Details

Application method	Airless spray, Brush, Roller, Conventional spray
Nozzle orifice	0.017" – 0.021"
Nozzle pressure	150 bars / 2200 Psi
Ambient temperature	10-50 °C
Mixing ratio	Single pack
Thinner/Cleaner	water
Recoat interval	Min 6 hrs at 25 °C* Max Unlimited

(For the best results overnight drying is recommended)

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Application Procedure of RZ-1331

1. Flush all equipment with water before use.
2. Stir the product thoroughly with a power mixer.
3. For conventional spray, the viscosity should be 30 sec. F.C. no.4 For airless spray 55 - 60 sec.
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 0.017-0.021 orifice, or with conventional spray with a 1.5-1.8 mm orifice to obtain an even wet coat with minimum over spray.
6. Random pinholes, holidays and small damaged or bare areas can be touched up by brush when the film is semi dry to touch. Larger areas should be sprayed.
7. In confined areas ventilate with clean air during application.
8. Clean all equipment with water immediately after use.

Environmental Conditions

Air Temperature: 10- 50 ° C

Material Temperature: 5- 40 ° C.

Relative Humidity: Max. 90%.

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

Storage conditions

The products should be kept in a cool and well ventilated place protected from heat and direct sunlight. Containers must be kept tightly closed. Handle with care.

Storage Temperature and Humidity:

10-30 °C and RH:0-85 %

Shelf Life: 12 months (when kept at recommended storage conditions and in original unopened containers.)

Disclaimers

The information's in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience.

Any recommendation relating to the use of the products, is based on data believed to be reliable.

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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