



RZ - 1311

Acrylic Water Based Primer

Product Description

RZ-1311 is an acrylic emulsion water based primer designed to give maximum penetration into the concrete surfaces to enhance bonding and minimize blistering.

Recommended Use

RZ-1311 improves adhesion to substrate and topcoats. It is used for interior/exterior uses for porous and non porous substrates including concrete, gypsum, anhydrite, cement based rendering and wooden surfaces.

Outstanding Characteristics

- 100% acrylic emulsion, excellent water resistance and non yellowing.
- Seals porous surfaces, reduce absorbency and preventing air bubbles migrating to the surface.
- Environment friendly coating with low odor.
- Promotes adhesion between coating layers & substrate.

Surface Preparation

All Surfaces to be treated should be structurally sound.

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

Note: Concrete must be cured at least 28 days (at 25°C) prior to application.

Technical Data

Finish	Flat
Color	White 235
Volume solids	40 ± 2%
Specific Gravity	1.4 ± 0.05 gr/cm ³
Recommended D.F.T.	50 -100 microns
Theoretical coverage	8 – 4 m ² /lit 5.7-2.85 m ² /kg
Touch dry	30 min at 25 °C
Thorough Dry	5 hours at 25 °C
Shelf life	12 months at 25C

Application Details

Application method	Air spray, Spray Brush, Roller
Nozzle orifice	.017" – .021"
Nozzle pressure	150 bars / 2200 Psi
Ambient temperature	10-50 °C
Thinner/Cleaner	water

Recoat interval	Min 6 hrs at 25 °C* Max None*
-----------------	----------------------------------

(For the best results overnight drying is recommended)

Revised
JAN 2018

Application Procedure of RZ-1311

1. Flush all equipment with water before use.
2. Stir the product thoroughly with a power mixer.
3. It could be applied by conventional spray.
4. Apply a wet coat by parallel passes. Overlap each pass 50% to cover bare areas, pinholes or holidays.
5. Spray with standard airless spray equipment having a 30:1 or higher pump ratio and a tip with a 0.017-0.021 inch orifice, or with conventional spray with a 1.5-1.8 mm orifice to obtain an even wet coat with minimum over spray.
6. In confined areas ventilate with clean air during application and drying until all solvents are removed.
7. 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

RANGIN ZEREH

High Performance Protective Coatings

No.15, Str, 15th Bokharest Ave. Tehran/ Iran

Tel: +98 21 88723676 Fax: +98 21 88716358

<http://www.Ranginzereh.com>

Email: info@Ranginzereh.com

*Revised
JAN 2018*