

RZ-1231

Acrylic Finish Coat

Product Description

RZ-1231 is a quick drying paint based on thermoplastic acrylic resin.

Recommended Use

For use as a finish coat on coating system of steel substrates, where a hard, glossy and adherent finish coat is required.

Outstanding Characteristics

- High gloss and color retention.
- Good resistance to different environmental conditions.
- Excellent spray ability.
- High adhesion to different metallic surfaces.
- Excellent flexibility.

Surface Preparation

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

Technical Data

Finish	Gloss
Color	White, grey (Upon request)
Volume Solids	38 ± 2%
Specific Gravity	1.1 ± 0.1 gr./cm ³ .
Flash Point	33 °C
Recommended D.F.T.	40 - 60 microns
Theoretical coverage	9.5-6.33 m ² /lit. 8.6-5.7 m ² /kg
Touch dry	30 minutes at 25 °C
Heat resistance	Up to 70 °C
Shelf life	12 months at 25 °C

Application Details

Application method	Air/Airless spray Brush, Roller
Nozzle orifice	0.017"-0.019"
Nozzle pressure	150 bar / 2200 Psi
Ambient temperature	5-45 °C
Thinner/Cleaner	RZT - 12

Revised
FEB 2014

Application instructions of RZ-1231

All surfaces should be dry and free from any contamination such as oil, grease, loose particles, decay matter, moss, algal growth and all traces of mould release oils. This is best achieved by lightly grit - blasting the surface. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit blasting process.

Where application over existing sound coating is required, trials should be conducted to ensure compatibility and retention of the bond between the underlying coating and the substrate.

In order to obtain protective properties of the coating, it is important that the correct rates of application and over coating times are observed.

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.

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.

Safety

The putty, primer and topcoat should not come in contact with the skin and eyes, or be swallowed.

Ensure adequate ventilation and avoid inhalation of vapors. If working in confined areas suitable respiratory protective equipment must be used. The use of barriers creams provides additional protection. In case of contact with skin, rinse with plenty of clean water, then cleans with soap and water. Do not use solvent.

Disclaimers

The information's 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.

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
FEB 2014*