

# RZ - 5261

## Polyamine Cured Epoxy Flooring

### Product Description

RZ-5261 is a two component, polyamine cured, solvent free epoxy floor coating.

### Recommended Use

As a suitable floor coating on concrete or steel industrial floors subjected to continuous mechanical wear and where chemical and solvents resistance is required.

### Outstanding Characteristics

- Outstanding leveling and flow out properties.
- Resists fumes and splashes of mineral acids, alkalies and some solvents.
- Excellent mechanical strength.
- High oil resistance.
- Easy application.

### Surface Preparation

The surface must be clean and dry. All dirt, grease, mill-scales and any other foreign materials should be removed.

### Mechanical Characteristics

(For 3 mm film thickness)	
Compressive strength (BS6319 pt3)	65 N/mm <sup>2</sup>
Flexural strength (BS6319 pt7)	34 N/mm <sup>2</sup>
Foot traffic at 25°C	2- 3 days
Vehicle traffic at 25°C	7days

### Technical Data

Finish	High gloss
Color	Upon Request
Volume Solids	99±1 %
Specific Gravity	1.52 ± 0.05 gr/cm <sup>3</sup>
Dry Film Thickness	1000-3000 microns
Theoretical Coverage	0.99-0.33 m <sup>2</sup> /lit 0.65-0.21m <sup>2</sup> /kg
Touch dry	6 hrs at 25 °C
Fully cured	7 days at 25 °C
Thermal Resistance	Up to 120 °C
Shelf life	12 months at 25 °C

### Application Details

Application method	knife, Trowel
Ambient temperature	10-45 °C
Mixing ratio	Base / Hardener 5 / 1 by weight
Pot life	1hrs at 25°C

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## **Application Procedure of RZ-5261**

1. Flush all equipment with recommended cleaner before use.
2. Stir pigmented resin to an even consistency with a power mixer.
3. Add cure to pigmented resin, and continue stirring for 5 minutes.

**Note:** Since the pot life is limited and shortened by high temperatures; do not mix more material than will be used in 1 hour at 25°C.

4. DO NOT THIN FOR ANY REASON.

5. Stir during application to maintain uniformity of material. Apply a wet coat by parallel passes with putty knife or trowel. Overlap each pass 50% to avoid bare areas, pinholes or holidays.

6. Clean all equipment with recommended cleaner immediately after use.

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## **Environmental Conditions**

Surface temperature must be at least 3°C above dew point. Relative humidity during application should be less than 80%. Do not apply coatings under reverse environmental conditions. Each coat shall be air dried a minimum of 12 hours at 68°F (25°C). These coatings shall not be applied at temperatures below 10°C.

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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.

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## **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.

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## **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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# **RANGIN ZEREH**

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