

Zepoxy REH 205 is a low viscosity, low color modified cycloaliphatic polyamine curing agent for use with liquid epoxy resins such as **Zepoxy RER 128** / Di Glycidyl Ether of Bisphenol A (EEW 190) to produce solvent free room temperature curable thermoset coatings and floor toppings. When formulated appropriately with epoxy resin it gives clear, air free, glossy surfaces. It also provides resistance to variety of chemicals such as acids, alkalis, hydrocarbons, and water. **Zepoxy REH 205**, being cycloaliphatic, also provides excellent weather resistance. It is less irritating, gives low odor, excellent transparency, and light color.

APPLICATIONS

- ✓ Solvent-free, high solids coatings
- ✓ Self-leveling floorings
- ✓ Primers and screeds
- ✓ Transparent coatings
- ✓ Chemical resistant mortars and linings

TECHNICAL DATA

| Property | Test Method | Result |
|---|----------------|---|
| Appearance | visual | Clear, colorless to light yellow liquid |
| *Color | ASTM D 1544-04 | 2 G max. |
| *Amine value | ASTM D 1652 | 280 - 310 mg KOH/g |
| *Viscosity @ 25°C | ASTM D 2196-05 | 400 - 700 cPs |
| Odor | - | Amine |
| *Density @ 25°C | ASTM D 1475-98 | 1.04 g/cc |
| *AHEW | - | 105 |
| *Mix ratio w/ RER 128 | - | 100: 50 |
| *Pot life (300g mass) with Zepoxy RER 128 | - | 30m @ 30°C |
| *Gel time (15g mass) with Zepoxy RER 128 | - | 1h 30m @ 30°C |
| *Flash Point | ASTM D 93 | >117°C |

*Typical results under laboratory conditions.

CURED SYSTEM PROPERTIES

| Property | Test Method | RER 128 / REH 205 | RER 816 / REH 205 |
|----------------------------------|-------------|-------------------|-------------------|
| | | Mix ratio | |
| | | 100 / 50 | 100 / 50 |
| *Flexural Strength | ASTM D 790 | 51.0 MPa | 46.1 MPa |
| *Compressive Strength - Ultimate | ASTM D 695 | 79.4 Mpa | 78.3 MPa |

*Typical results under laboratory conditions.

PACKAGING

Zepoxy REH 205 is available as follows:

1 KG, 5KG, 10KG, 25KG, and 200KG

HEALTH AND SAFETY

Dispose containers of the materials as per local laws, rules, and regulations. Use gloves, safety masks and other safety apparel as per health and safety laws. For further assistance, please refer to the MSDS of the product for further health and safety information.