

Zepoxy REH 7301 is a low viscosity, low color and long pot life 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 of high mechanical strength. 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 7301**, 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
- ✓ Electronic potting

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	290 - 320 mg KOH/g
*Viscosity @ 25°C	ASTM D 2196-05	150 - 350 cPs
Odor	-	Amine
*Density @ 25°C	ASTM D 1475-98	1.04 g/cc
*AHEW	-	98
*Mix ratio w/ RER 128	-	100: 50
*Pot life (300g mass) with Zepoxy RER 128	-	38m @ 30°C 24m @ 45°C
*Gel time (15g mass) with Zepoxy RER 128	-	4h 10m @ 25°C 2h 50m @ 30°C
*Flash Point	ASTM D 93	>117°C

*Typical results under laboratory conditions.

CURED SYSTEM PROPERTIES

Property	Test Method	RER 128 / REH 7301	RER 816 / REH 7301
		Mix ratio	
		100 / 50	100 / 50
*Flexural Strength	ASTM D 790	82.2 MPa	56.7 MPa
*Compressive Strength - Ultimate	ASTM D 695	81.7 MPa	76.9 MPa

*Typical results under laboratory conditions.

PACKAGING

Zepoxy REH 7301 is available as follows:

1 KG, 5KG, 15KG, 30KG, 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.