Zepoxy REH 205 H

Hydrophobic version of Zepoxy 205

RESSICHEM®
adding life and value to your property

Zepoxy REH 205 H 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 H**, 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 H	RER 816 / REH 205 H
		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.**

ریسیکیم®
مضبوطی اور پائیداری کے لئے

D-83, S.I.T.E., Industrial Area, Manghopir Road, Karachi - 75530, Pakistan
+92-21-32593800-02 +92-309-7772464
www.ressichem.com

PACKAGING

Zepoxy REH 205 H 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.

ریسیکیم®
مضبوطی اور پائیداری کے لئے

D-83, S.I.T.E., Industrial Area, Manghopir Road, Karachi - 75530, Pakistan
+92-21-32593800-02 +92-309-7772464
www.ressichem.com