

Zepoxy REH 160 is a Low Viscosity Reactive Polyamide curing agent for Epoxy Resin to be used in various applications. It is recommended for concrete primers due to its high adhesive strength and for self-leveling floorings as a cheaper low gloss alternate to cycloaliphatic hardeners with improved mechanical strength.

APPLICATIONS

- ✓ Maintenance coatings
- ✓ Metal primer and enamel paints
- ✓ Primers, sealers and coatings for concrete
- ✓ Marine and industrial protective coatings
- ✓ Tank and pipe linings

ADVANTAGES

- ✓ Blended with other amine-based hardeners
- ✓ Excellent adhesion
- ✓ Good toughness and flexibility
- ✓ Good pigment and substrate wetting
- ✓ Long pot life

TECHNICAL DATA

Property	Test Method	Result
Appearance	visual	Clear, yellow to orange liquid
*Color	ASTM D 1544-04	5 G max.
*Amine value	ASTM D 1652	370 – 410 mg KOH/g
*Viscosity @ 25°C	ASTM D 2196-05	300 – 1000 cPs
Odor	-	Amine
*Density @ 25°C	ASTM D 1475-98	0.96 g/cc
*AHEW	-	118
*Mix Ratio w/ RER 128	-	100: 62
*Pot life (300g mass) with Zepoxy RER 128	-	45m @ 30°C
*Gel time (16g mass) with Zepoxy RER 128	-	2h 20m @ 30°C
*Flash Point	ASTM D 93	>135°C

*Typical results under laboratory conditions.

CURED SYSTEM PROPERTIES

Property	Test Method	RER 128 / REH 160 mix ratios		
		100/45	100/62	100/90
*Flexural Strength	ASTM D 790	111.3 MPa	90.2 MPa	74.4 MPa
*Compressive Strength - Yield	ASTM D 695	-	-	58.6 MPa
*Compressive Strength - Ultimate	ASTM D 695	86.4 MPa	84.1 MPa	74.9 MPa

*Typical results under laboratory conditions.

PACKAGING

Zepoxy REH 160 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.