

Zepoxy REH 470 is a modified cycloaliphatic, high-viscosity epoxy hardener developed as a next-generation curing agent for demanding applications. It delivers excellent chemical resistance, strong adhesion, and reliable curing performance.

APPLICATIONS

- ✓ Marine, offshore structures
- ✓ Industrial plants & Chemical tanks
- ✓ Old concrete to new concrete bonding
- ✓ Heavy duty protective coating

BENEFITS

- ✓ Excellent adhesion
- ✓ Good toughness and flexibility
- ✓ Good pigment and substrate wetting
- ✓ Low temperature and damp environment curing
- ✓ Good corrosion protection
- ✓ Good flexibility and impact resistance

TECHNICAL DATA

Property	Test Method	Result
Appearance	visual	Clear to yellow, transparent
*Color	ASTM D 1544-04	6 G max.
*Amine value	ASTM D 1652	200 - 250 mg KOH/g
*Viscosity @ 25°C	ASTM D 2196-05	150000 – 350000 cPs
Odor	-	Amine
*Density @ 25°C	ASTM D 1475-98	0.96 g/cc
*AHEW	-	180 g/eq
Mix ratio w/ RER 128	-	100:100
Gel time (300g mass) at 25°C	-	40 – 60 min
Flash Point	-	>102°C

Property	Test Method	7 Days Strength
*Flexural Strength	ASTM D 790	40 MPa
*Compressive Strength - Yield	ASTM D 695	65 MPa
*Compressive Strength - Ultimate	ASTM D 695	70 MPa

*Typical results under laboratory conditions.

PACKAGING

Zepoxy REH 470 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.