

Zepoxy RER 515 HV is a Bisphenol-A based liquid epoxy resin modified with reactive diluent. This resin offers lower viscosity and lower surface tension. Both these properties are of advantage while formulating. The low viscosity improves the cost effectiveness by increasing filler loading and low surface tension improves adhesion by better substrate wetting. This also improves the pigment dispersion and stability. A wide variety of curing agents are available to cure this liquid epoxy resin at ambient conditions and at elevated temperatures. At occasion, systems based on this grade are post cured to improve certain characteristics such as glass transition temperature and chemical resistance.

APPLICATION

- ✓ Self levelling floorings
- ✓ Troweled Mortars and grouts
- ✓ High solids and solvent free coatings
- ✓ Other construction applications
- ✓ Adhesives

TECHNICAL DATA

Property	Test Method	Result
Appearance	visual	clear, colorless to light yellow liquid
*Color	ASTM D 1544-04	0.5 G Max
*Viscosity @ 25°C	ASTM D 2196-05	3000 – 5000 cPs
*Epoxy Equivalent Weight	ASTM D 1652-04	200 - 215 g/eq
*Epoxy Value	ASTM D 1652-04	4.65 – 5.00
*Hydrolysable Chloride	ASTM D 1726	<0.25%
*Flash Point	ASTM D 93	110°C

*Typical results under laboratory conditions

PACKAGING

Zepoxy RER 515 HV 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.