

AMBIENT CURE EPOXY RESIN ADHESIVE SYSTEM - AD 215 / EH 128

AD 215 is a specially formulated prefilled medium viscosity solvent free Epoxy Resin system suitable for use with Hardener **EH 128** to give excellent adhesive bonding between various substrates. The cured resin exhibits outstanding mechanical properties and good chemical resistance.

Applications of the system

- Adhesive and sealants
- Concrete repair compound
- Coatings
- Paints
- Casting & Laminations

Characteristics of the system

- Excellent adhesive strength to various materials such as metal, glass, plastics, wood porcelain, concrete, & rubber
- Excellent toughness flexibility
- Excellent chemical resistance
- Low toxicity in comparison with aliphatic polyamine

Typical Properties of Uncured material

Resin: AD215

Viscosity @ 25 °C (cP): 13000 - 18000

Density, gm/cc : 1.44 - 1.50

Hardener: EH128

Viscosity @ 25 °C (cP): 45000 - 55000

Density, gm/cc : 0.95 - 0.98

Mixing Proportions & Pot Life

AD 215	100 parts by weight
Hardener EH 128	37 - 43 parts by weight
Mix Viscosity at 25°C	22000 – 30000 m Pas
Pot life at 25°C (100 gm mix)	130 – 180 minutes
Pot life at 40 deg (100 gm mix)	70 – 80 minutes

Storage and Handling

Prefilled liquid products always show small filler sedimentation on storage. Before partial use it is recommended that contents of the container be stirred to get a homogenous mix or alternatively use each container as a complete unit. Partially used containers should be tightly closed immediately after use. Minimum shelf life of filled resins (AD 215) will be 6 months when stored in their original containers & not exposed to undue heat & humidity. Shelf life of hardener (EH 128) will be 1 year under similar storage conditions.

All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although the information contained in this sheet is accurate to the best of our knowledge, no liability can be accepted in respect of such information and no warranty or conditions are intended in respect of the product described as the conditions of application are beyond our control.