

AMITEK EPOXY HARDENER

Hsn Code: 29213090

Product Description:

Amitek Epoxy Hardener is a low viscosity, low colour modified cycloaliphatic polyamine curing agent for use with liquid epoxy resins to produce solvent free room temperature curable thermoset coatings, 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, alkalies, hydrocarbons and water. Amitek Epoxy Hardener being cycloaliphatic, also provides excellent weather resistance. It is less irritating, gives low odour, excellent transparency and light colour.

Application Area

- Solvent-free, high solids coatings
- Self leveling floorings
- Primers and screeds
- Transparent coatings

Technical Characteristics

Appearance	Visual	Clear, light yellow liquid
Colour	ASTM D 1544-04	1 g max.
Viscosity @25°C	ASTM D 2196-05	270 – 380 cP
Pot life # @25°C	TEC-AS-P-111	28 – 45 min

Typical Properties

Odour	---	Amine
Density @25°C	ASTM D 1475-98	1.03 g/cc
Amine value	DIN 16945	260 – 285 mg KOH/g
AHEW	---	~ 115
Flash point	ASTM D 93	100°C
Thin film set time		6 – 8 hr
Glass transition temperature	DIN 11357	50°C
Tensile strength	ASTM D 638-86	510 kg/cm2
Flexural strength	ASTM D 638-86	890 kg/cm2
Compressive strength	ASTM D 695-85	650 kg/cm2

* Typical properties are indicated for information only

Packaging

Amitek Epoxy Hardener is packed and delivered in plastic drums, 200 kg per drum as a standard pack. Other pack sizes are available on request.

Storage & Shelf Life

Amitek Epoxy Hardener should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product may absorb moisture which may result in viscosity increase, frothing and white carbonation product deposition. In such case it may affect the appearance of final coating/floor topping. When stored in tightly closed container this product has a self life of at least one year from the date of manufacturing.

Handling

Do not mix with epoxy resin until just prior to use since reacts chemically at room temperature. Avoid contact with skin, eyes etc. Please refer to the MSDS of the product for more instructions on safe storage and handling of Amitek Epoxy Hardener

DISCLAIMER:

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MANUFACTURED BY -

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