



Product Data Sheet

Pox Cure – LH 1140

Description

Pox Cure - LH 1140 is a very low viscosity modified aliphatic amine developed specifically for crack-injection applications at both room temperature and lower temperatures down to 5°C

Specification

Appearance	Clear liquid	
Viscosity at 23 °C	appr. 30 mPa.s	DIN 53214
Density at 23 °C	appr. 1.02 g/cm ³	DIN 51757,T3
Color index	< 3	Gardner

Characteristic data

H*-equivalent mass	48	
Solids content	100 %	
Flash point	>100 °C	DIN-ISO 3679

Typical mix properties

Mix Of	25 gms with 100 gm epoxy resin*	
Pot life	appr. 30 min	from 23 to 40°C for 100 ml
Shore D	> 85	ISO 868-1985

Standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin*

Advantages:

- Very low viscosity hence good penetration in smaller cracks
- Good through-cure down to 5°C
- Excellent mechanical properties — in particular, compressive strength and modulus which ensures monolithic behaviour in repair and crack injection systems
- Good adhesion to concrete

Applications:

Pox Cure - LH 1140 is preferably used in combination with suitable epoxy resin formulations for

- Crack injections systems
- High solid solvent free coatings
- Adhesives

Storage:

It is at least 24 months at room temperature in the original sealed containers from the date of manufacture. Store away from excessive heat and humidity in tightly closed containers.

Handling Precautions:

Please refer to the Safety Data Sheet of this product. Classification: **C "corrosive"**.