

Description

Lapox AH-416 is a low colour, low viscosity modified cycloaliphatic polyamine capable to cure epoxy resin at ambient temperature. The cured mass gives high gloss with an excellent surface finish suitable for protective and decorative coatings. The film withstand variety of chemicals includes acid, alkali, alcohols and hydrocarbon solvents. Excellent low colour of the hardener makes suitable for self-leveling floor and decorative top coats.

Advantages

Excellent resistant to mild acid, alkali and organic solvents
Free from amine blush
High gloss
Low viscosity

Applications

High glossy floor toppings
Protective and decorative coatings

Processing

Brush, roller or spray coating

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear liquid
Colour	GS	ASTM D1544	Max 1
Amine value	mg KOH/g	ASTM D2073	250 - 300
Viscosity at 25°C	m Pas	ASTM D2196	400 - 800
Pot life at 25°C ¹	Minutes	ASTM D2471	30 - 45
AHEW	g/eq	-	114
Recommended ratio	w/w	-	60

¹Pot life of 100 g mix mass with Lapox B-11 (EEW: 190), mixing ratio of Lapox B-11: Lapox AH-416 is 100:60 w/w

Packaging

Lapox AH-416 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling

Lapox AH-416 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight. This product has a shelf-life of 1 year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

Safety

Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapours, mist or gas. Please refer to the SDS for detailed safety instructions.

Spills and disposal

In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

LAPOX[®] AH-416

Technical Data Sheet | Polymers Business



Contact

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Note

Lapox[®] is a registered trademark of Atul Ltd.

Manufacturing site

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