

Description Lapox AH-371 is low viscosity modified aliphatic polyamine hardener capable to cure epoxy resin at ambient temperature. Due to lower viscosity and faster reactivity it gives relatively short pot life and faster development of properties. It is suitable for applications like gel coats, mortars, solvent free coatings and sealing of cracks in stone and civil structures. Further increase in reactivity is possible by giving exposure of heat to the components. This hardener is most suitable for natural stone processing to enhance their mechanical strength, chemical resistance and durability.

Advantages Excellent penetration
Faster reactivity
Low viscosity

Applications Mortar and mastics
Stone processing (Crack filling and coating)

Processing Spray, roller and brush

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Clear, yellow liquid
Colour	GS	ASTM D1544	Max 5
Amine value	mg KOH/g	ASTM D2073	900 - 1,000
Viscosity at 25°C	m Pas	ASTM D2196	100 - 400
Pot life at 25°C ¹	Minutes	ASTM D2471	10 - 15
Gel time at 65°C, 12 g	Minutes	-	4 - 6
AHEW	g/eq	-	35
Recommended ratio	w/w	-	18
Full cure at 65°C	Minutes	by DSC	30 - 40

¹Pot life of 100 g mix mass with Lapox B-11 (EEW: 190), mixing ratio of Lapox B-11: Lapox AH-371 is 100:18 w/w

Packaging Lapox AH-371 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-371 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.

LAPOX[®] AH-371

Technical Data Sheet | Polymers Business



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.

Contact

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Note

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

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