

Description Lapox AH-727 is a low viscosity modified polyamine hardener suitable to cure epoxy resin at ambient temperature. Lapox AH-727 is designed for primer application on most problematic concrete surfaces including wet and damp conditions. It has outstanding adhesion with excellent penetration into concrete surfaces to prevent hydrostatic pressure beneath the surface.

Advantages Adhesion to moist concrete
Low temperature cure (up to 5°C)
Moisture insensitive

Applications High solid coatings
Primer

Processing Protective coatings

Typical specifications	Properties	Unit	Test method	Values
	Appearance	-	Visual	Brown liquid
	Colour	GS	ASTM D1544	Max 12
	Amine value	mg KOH/g	ASTM D2073	280 - 320
	Viscosity at 25°C	m Pas	ASTM D2196	1,000 - 2,000
	Specific gravity	-	-	0.98 - 0.99
	Pot life at 25°C ¹	Minutes	ASTM D2471	45 - 65
	AHEW	g/eq	-	114
	Recommended ratio	w/w	-	60

¹Pot life of 100 g mix mass in plastic cup. Mixing ratio with Lapox B-47 (EEW 190) : Lapox AH-727 is 100:60 w/w

Packaging Lapox AH-727 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-727 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-727

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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