

Description Lapox K-105 is a dark-black coloured coal tar modified curing agent suitable to cure epoxy resin at ambient temperature. It provides faster reactivity and short pot life when cured with modified and unmodified epoxy resins. It is suitable for solvent free epoxy coatings for less stringent applications where high temperature and solvents are not encountered. This coal tar epoxy is preferred as economical coating to metal and concrete substrates.

Advantages Good chemical resistance to mild acids and alkali
Short pot life

Applications Coating on drainage pipes, waste water treatment plants
Protection to bridge and effluent treatment plants
Storage silos for granular chemicals
Under body coating of vehicles

Processing Solvent free coatings

Typical specifications

Properties	Unit	Test method	Values
Appearance	-	Visual	Black, viscous liquid
Viscosity at 25°C	m Pas	ASTM D2196	3,000 - 6,000
Pot life at 25°C ¹	Minutes	ASTM D2471	20 - 25
Recommended ratio	w/w	-	100

¹Pot life of 100 g mix mass. Mixing ratio of Lapox ARB-28: Lapox K-105 is 100:100 w/w

Packaging Lapox K-105 is available in 200 kg MS | HDPE drums and 1,000 kg IBC. Other packing may be considered on request.

Storage and handling Lapox K-105 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[®] K-105

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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