

**Description** Lapox B-47 is a low viscous reactive diluent modified epoxy resin based on bisphenol-A. Due to low viscosity it is capable of high filler loading and excellent wetting property. It can be cured with various hardeners like polyamidoamide, phenalkamines, aliphatic amines, cycloaliphatic amines, and adducts. The appropriately cured material is able to provide good combination physical and mechanical properties.

**Advantages** High filler loading  
Low viscosity and light colour

**Applications** Crack filling and repair  
Primer and grouts  
Screed, mortar and mastics  
Solvent free coating and floorings

**Processing** Spray, roller or brush

**Typical specifications**

| Properties                    | Unit  | Test method | Values       |
|-------------------------------|-------|-------------|--------------|
| Appearance                    | -     | Visual      | Clear liquid |
| Colour                        | GS    | ASTM D1544  | Max 1        |
| Epoxy value                   | Eq/kg | ASTM D1652  | 5.2 - 5.5    |
| Viscosity at 25°C             | m Pas | ASTM D2196  | 450 - 650    |
| Epoxy equivalent weight (EEW) | g/eq  | ASTM D1652  | 181 - 192    |

**Packaging** Lapox B-47 is available in 200 kg HDPE drums. Other packing may be considered on request.

**Storage and handling** Lapox B-47 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 2 years, 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<sup>®</sup> B-47

Technical Data Sheet | Polymers Business



## Contact

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## Note

Lapox<sup>®</sup> is a registered trademark of Atul Ltd.

## Manufacturing site

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