



Technical Data Sheet

BASADUR® E 102

Solvent-Free Epoxy Primer

Description

BASADUR® E 102 is a low viscosity solvent-free epoxy-polyamine primer. Short pot life and very good adhesion on the concrete surface are some of its properties.

Uses

It can be applied to porous and damaged concrete.

Also Available from BASA Polymer

Middle Coats

BASADUR® E 200
BASADUR® E 201
BASADUR® E 302

Body Coats / Self Levels

BASADUR® E 303
BASADUR® E 304
BASADUR® E 306
BASADUR® E 307

Top Coats

BASADUR® E 401
BASADUR® E 402
BASADUR® E 707

Benefits

- Good adhesion to most substrates
- Good penetration into well-prepared concrete
- Low viscosity
- Easy application

Technical Information

Properties	
Solid Content (%) (ASTM D2369)	~ 99
Mix Ratio by weight	100:50
Pot Life at 27°C (min)	35
Mixed Density (g/cm ³) (ISO 2811)	1.1 approx.
Dry-Hard Time (hr.)	8
Recommended Coverage (g/m ²)	300 – 400
Overcoat Time (hr.)	8 - 24
Bond Strength (MPa) (ASTM D4541)	> 1.5 (concrete failure)
Shore D Hardness (ASTM D2240)	75 (after 7 days)

Substrate Requirements and Preparation

The substrate's compressional strength should be a minimum of 20 N/mm², and the substrate should be less than 3% moist. The substrate has to be prepared by a suitable mechanical or chemical process to remove any oil, dirt, and residues of alkali compounds. Weak areas of the concrete must be removed completely. You can use BASADUR® products to repair substrate, fill cavities, holes, and cracks. Before applying the coating, remove all dust from the substrate with a vacuum cleaner.

Storage

The product must be stored in its original packaging in a dry place at a temperature range of 10 to 25 °C.

Shelf Life

Maximum 6 months since the date of production.

Safety information

BASADUR® E 102 is highly flammable. For more information, please check the MSDS.

Packaging

Part A: 11.3 kg containers, 180 kg drums

Part B: 7.7 kg containers, 200 kg drums

Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of BASADURS, are given in good faith based on BASADURS's current knowledge and experience of the products when properly stored, handled, and applied under normal conditions by BASA's recommendations. In practice, the differences in materials, substrates, and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. BASA Polymer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.