Basa Polymer
Seamless Quality

Technical Data Sheet

BASADUR® E 433

Casting Binder | Solvent-free| Clear Coat | Fast cure

Description

BASADUR E 433 is a clear solvent-free, ductile, two-component binder based on modified aliphatic amine. fast curing, good Wear resistance and good mechanical and physical strength are some of its properties.

Uses

It can be used as matrix in low operating temperature and various application such as:

- Industrial applications
- Food and beverage production areas
- Wood coating
- composites

Also Available from BASA Polymer

Primers

BASADUR® E 101
BASADUR® E 102
BASADUR® E 105
BASADUR® E 112

Middle Coats

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

Body Coats / Self Levels

BASADUR® E 303
BASADUR® E 304
BASADUR® E 305
BASADUR® E 307

Benefits

- Can be applied in very thick clear coats
- Very good abrasion resistance
- Hard wearing
- Low viscosity and easy application
- short pot life

Properties	
Solid Content (%) (ASTM D2369)	~ 98
Mix Ratio by weight	100:44
Pot Life at 25°C (min)	30
Mixed Density (g/cm³) (ISO 2811)	1.1 approx.
Dry-Hard Time (hr.)	12
Recommended Coverage (g/m²)	-
Overcoat Time (hr.)	8 - 24
Bond Strength (MPa) (ASTM D4541)	> 1.5 concrete failure
Shore D Hardness (ASTM D2240)	85 (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 15 to 25 °C.

Shelf Life

Maximum 6 months since the date of production.

Safety information

BASADUR® E 433 is highly flammable. For more information, please check the MSDS.

Packaging

Part A: 17.4 kg containers, 200 kg drums
Part B: 7.6 kg containers, 200 kg drums

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