

# **Technical Data Sheet**

# **BASADUR® E 413** Casting Binder | Solvent-free | Clear Coat | **Decorative**

### **Description**

BASADUR® E 413 is a clear solvent-free and twocomponent epoxy-polyamine binder. Moderate pot life, very good abrasion resistance, and better yellowing resistance than BASADUR® E 403 are some of its properties.

**Substrate Requirements and** 

The substrate's compressional strength

should be a minimum of 20 N/mm<sup>2</sup>, and the substrate should be less than 3% moist. The substrate has to be prepared

by a suitable mechanical or chemical

completely. You can use BASADUR®

products to repair substrate, fill cavities,

coating, remove all dust from the substrate

The product must be stored in its original

packaging in a dry place at a temperature

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

holes, and cracks. Before applying the

residues of alkali compounds. Weak areas

process to remove any oil, dirt, and

of the concrete must be removed

with a vacuum cleaner.

range of 15 to 25 °C.

**Storage** 

**Preparation** 

#### Uses

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It can be used as matrix in many applications such as:

- decorative applications
- · art and Jewelry

- Wood projects
- composites

## Also Available from **BASA Polymer**

#### **Primers**

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

#### Middle Coats

BASADUR® E 202 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 mechanical properties
- good UV resistance and low yellowing
- Low viscosity and easy application

#### **Technical Information**

Properties	
Solid Content (%) (ASTM D2369)	~ 98
Mix Ratio by weight	100:52
Pot Life at 25°C (min)	40
Mixed Density (g/cm <sup>3</sup> ) (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)	80 (after 7 days)

# **Shelf Life**

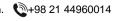
Maximum 6 months since the date of production.

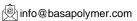
### Safety information

BASADUR® E 413 is highly flammable. For more information, please check the MSDS.

### **Packaging**

Part A: 13.2 kg containers, 200 kg drums Part B: 6.8 kg containers, 200 kg drums









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.