



Basa Polymer
Seamless Quality

Technical Data Sheet

BASADUR® E 709

Antistatic Epoxy coating| Solvent-free

Description

BASADUR® E 709 is a pigmented solvent-free, two-component, antistatic epoxy coating. seamless, low electrical resistivity, moderate pot life, and good mechanical and physical properties are some of its properties.

Note: Color deviations may occur due to carbon fiber filaments.

Uses

It can be used as the top layer in ECF protection areas with medium traffic loads.

Also Available from BASA Polymer

Primers

BASADUR® E 103

Top Coats

BASADUR® E 325

BASADUR® E 326

Benefits

- ECF protective and antistatic flooring
- Hard-wearing and great mechanical properties
- high viscosity and easy application

Technical Information

Properties	
Solid Content (%) (ASTM D2369)	~ 100
Mix Ratio by weight	100:20
Pot Life at 25°C (min)	40
Mixed Density (g/cm ³) (ISO 2811)	1.6 approx.
Dry-Hard Time (hr.)	12
Recommended Coverage per 1x coat (g/m ²)	150-250
Overcoat Time (hr.)	8 - 24
Bond Strength (MPa) (ASTM D4541)	> 1.5 (concrete failure)
Shore D Hardness (ASTM D2240)	82(after 7 days)
Electrical Surface Resistivity (Ω) (ASTM F150-06)	<10 ⁷

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. To install antistatic flooring, first, apply a self-leveling floor coating on a primed substrate. After placing a conductive network on the floor, the antistatic primer must be applied. Then the surface is ready to install the self-leveling antistatic flooring.

Storage

The product must be stored in its original packaging in a dry place at a temperature range of 15s to 25 °C.

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.

Shelf Life

Maximum 4 months since the date of production.

Safety information

Please check the SDS of BASADUR® E 709.

Packaging

Part A: 20.8 kg containers, 200 kg drums

Part B: 4.2 kg containers, 200 kg drums

