

PRODUCT DATA SHEET

Ronabond® EPA 711

Epoxy Tile Bonding Adhesive

DESCRIPTION

Ronabond® EPA 711 is a water cleanable epoxy tile adhesive for tiles, all types of stone and water sensitive marbles. Ronabond® EPA 711 is supplied in a pre-packed kit consisting of epoxy resin and hardener. Ronabond® EPA 711 can be applied to a variety of substrates including plywood, glass, concrete and existing tiles.

USES

- Residential and commercial buildings
- Floors
- Bathrooms
- Bottling plants
- Laboratories
- Pharmaceutical factories
- Distilleries
- Installing moisture sensitive marble or stone

CHARACTERISTICS / ADVANTAGES

- High compressive strengths
- Water cleanable
- Rated for heavy commercial use
- Meets or exceeds ANSI A118.3 requirements
- Can be applied to a variety of substrates
- Chemical resistant
- Low odour
- Non-flammable

PRODUCT INFORMATION

Chemical Base	Epoxy	
Packaging	6.8 kg per pack (3.4 kg Part "A" and 3.4 kg Part "B")	
Shelf Life	24 months from the date of production	
Storage Conditions	Stored properly in undamaged and unopened original sealed packaging in dry conditions. Protect from direct sunlight and frost.	
Product Declaration	Tensile Strength	> 6.9 MPa
	Water Cleanability	> 80 mins at 23 °C
	Initial Setting Time	> 2 hours at 23 °C

TECHNICAL INFORMATION

Compressive Strength	> 35 MPa
Shear Adhesion	> 6.9 MPa

APPLICATION INFORMATION

Consumption	1.7 kg/m ² /mm
Pot Life	90 minutes at 23 °C
Curing Time	16–24 hours at 23 °C

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

For application on external area please contact Sika technical service for advice.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces must be structurally sound, clean and free of dust and laitance, oil, grease, water and curing compounds. Concrete should be cured for at least 28 days and be free of excess moisture and hydrostatic pressure.

MIXING

Thoroughly mix part "A" before adding part "B" hardener component. Mix using a low speed mixer or preferably by hand for at least 5 minutes.

APPLICATION

Spread epoxy mixture over the face of the substrate using the flat edge of a trowel. Comb the adhesive with the recommended size notched trowel for the type of tile being installed. Mix and apply no more than can be used in 60 minutes.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use.

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LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika'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. Sika 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.