

Balcons Tile Adhesive

Modified cementitious thin-bed mortar for adhering tiles to Sika Liquid Plastics Balcony Systems

Product Description Balcons Tile Adhesive is a high quality, modified cementitious thin-bed mortar.

Uses Balcons Tile Adhesive is used for adhering tiles to Decothane Balcons liquid applied waterproofing system. Applied on balconies and terraces.

Characteristics / Advantages

- Compatible with Sika Liquid Plastics Decothane Balcons liquid applied waterproofing membrane
- Suitable for external applications

Product Data

Test

Approvals / Standards ■ CE Marked - Tested in accordance with EN 12004:2007

Form Powder

Appearance Light grey

Packaging 25kg Bag

Storage

Storage Conditions / Shelf Life 6 months from date of production if stored properly in original unopened, sealed and undamaged packaging in dry and cool conditions.

Technical Data

Chemical Base: Modified cementitious thin-bed mortar

Density: 1430 kg/m³

Layer Thickness Max. 10mm

Mechanical Properties

Compressive Strength

- 1 day~ 3N/mm²
- 7 days~ 10N/mm²
- 28 days~ 13N/mm²



System Information

System Structure	Decothane Balcons Waterproofing System Balcons Tile Adhesive Frost Resistant Tiles (not supplied by Sika Liquid Plastics)
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Application Details

Consumption	Tooth Depth	Amount kg of Balcons Tile Adhesive powder per m ²
	3mm	1.6-1.9
	4mm	2.2-2.5
	6mm	3.2-3.7
	8mm	4.3-5.0
	10mm	5.4-6.2

Substrate Preparation	The surface treated with Decothane Balcons liquid applied waterproofing system should preferably have the desired inclination. The mortar can only level out minor unevenness. The finishing coat of Decothane Balcons should have cured for at least 24 hours. The substrate to be treated should be dry and clean.
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Application Conditions and Limitations

Substrate temperature	+5 °C min. / + 40 °C max.
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Application Instructions

Mixing	Balcons Tile Adhesive should be mechanically mixed in a clean drum using a slow speed drill and paddle. Use 3.75 litres of clean water for a 25kg bag. If only part of the bag is used, mix approximately 4-4.5 parts by volume of powder into 1 part by volume water.
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Mixing Time	Mix until lump free and use the mortar without delay.
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Application Method	Spread the Balcons Tile Adhesive in an even layer using a trowel. Then use a notched spreader to raise the mortar to the desired height. Only prepare a surface which can be finished with tiles within 15 mins. Press the tiles firmly into the fresh Balcons Tile Adhesive until the furrows are completely flattened.
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Excess mortar can be removed with water while still wet.

Pot Life	Working life of the product is approximately 30 mins at 20 °C.
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Curing Details

Approximate Curing Times	Wait at least 24 hours before grouting.
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Notes on Application

Health and Safety Information	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 containing physical, ecological, toxicological and other safety-related data.
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General Information

Disclaimer	The information, and, in particular, the recommendations relating to the application and end-use of Sika Liquid Plastics products, are given in good faith based on Sika Liquid Plastics' current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika Liquid Plastics' 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 Liquid Plastics 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.
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Specification Assistance	NBS is the industry standard specification system, which allows architects, specifiers and engineers to insert clauses into specifications by manufacturer and product, making the process quicker and more efficient. We are members of NBS Plus and therefore detailed up-to-date product information is readily available to create accurate specifications.
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