

# 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/m<sup>3</sup>

**Layer Thickness** Max. 10mm

## Mechanical Properties

**Compressive Strength**

- 1 day~ 3N/mm<sup>2</sup>
- 7 days~ 10N/mm<sup>2</sup>
- 28 days~ 13N/mm<sup>2</sup>

Roofing



## System Information

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

## Application Details

Consumption	Tooth Depth	Amount kg of Balcons Tile Adhesive powder per m <sup>2</sup>
	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.

## Application Conditions and Limitations

**Substrate temperature** +5 °C min. / + 40 °C max.

## 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.

**Mixing Time** Mix until lump free and use the mortar without delay.

**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.

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

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**Approximate Curing Times** Wait at least 24 hours before grouting.

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## Notes on Application

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**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

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**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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Roofing

