

## PRODUCT DATA SHEET

SikaCeram<sup>®</sup>-106 Extra

ADHESIVE MORTAR RECOMMENDED FOR WET ROOMS. CLASSIFIED C1TE ACCORDING TO EN 12004

**DESCRIPTION**

SikaCeram<sup>®</sup>-106 Extra is a one-component, pre-mixed adhesive mortar, composed of high-resistance cements, a high polymer content, selected quartz sand and specific additives.

**USES**

SikaCeram<sup>®</sup>-106 Extra can be used to install ceramic coverings and similar materials on floors and walls, indoors and in new construction.

It is suitable for applications on most substrates:

- Concrete, mortar, stone, bricks, etc.
- Cellular concrete (interior).
- Recommended for wet areas.

**FEATURES**

- No vertical slip
- Extended open time
- Frost-resistant
- Easy to install

**CERTIFICATES AND TEST REPORTS**

Evaluated and certified by "Applus Laboratories", test report no. 24/32308248 dated December 19, 2024 and C1TE marked according to EN 12004.

**PRODUCT INFORMATION**

<b>Composition</b>	Hydraulic binders, mineral fillers, specific additives
<b>Packaging</b>	25 kg bag
<b>Appearance and colour</b>	Grey or white powder.
<b>Shelf life</b>	12 months from production date
<b>Storage conditions</b>	Store in unopened, undamaged original packaging, away from humidity and excessive heat.
<b>Maximum grain size</b>	D <sub>max</sub> : 0,5 mm.

**APPLICATION INFORMATION**

<b>Mixing ratio</b>	5.75 to 6 liters per 25 kg bag
<b>Consumption</b>	Consumption depends on the nature and roughness of the substrate, the type of covering (format, relief, water absorption/porosity) and the installation technique (single or double gluing). Average consumption is 4kg/m <sup>2</sup> of product applied with an 8mm notched trowel.

<b>Ambient air temperature</b>	+5 °C min. / +35 °C max.	
<b>Substrate temperature</b>	+5 °C min. / +35 °C max.	
<b>Maturing time</b>	5 to 10 min	
<b>Pot Life</b>	2 hours at +23°C ±2°C - R.H. 50% ±5	
<b>Open Time</b>	25 minutes at +23°C ±2°C - R.H. 50% ±5%	(EN 1346)
<b>Adjustability time</b>	approx 20 minutes at +23°C ±2°C - R.H. 50% ±5%	(EN 1346)
<b>Fresh mortar density</b>	approx 1.6 Kg/L	

## BASIS OF PRODUCT DATA

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

## IMPORTANT CONSIDERATIONS

A test area must be created before any installation work is carried out with natural stone tiles. SikaCeram®-106 Extra must not be applied in the following cases:

- On metal and wood surfaces.
- For making layers thicker than 5 mm.
- On old ceramic tiles.
- On facades.
- At temperatures below +5°C or above +35°C.

## ECOLOGY, HEALTH AND SAFETY

### SUBSTRATE QUALITY / PRE-TREATMENT

- The substrate must be clean and free from laitance, dirt, oil, grease or other contaminants and friable particles.
- The substrate must be perfectly flat, sealed, non-deformable and free from easily extractable, deformable or aged elements.
- Any small irregularities, dents or defects can be levelled with a coat of SikaCeram®-106 Extra, maximum 5mm thick, at least 24 hours before installing the ceramic finish.
- For greater thicknesses, use products from the Sika MonoTop® range.
- If a waterproofing layer is required under the SikaCeram®-106 Extra, cement- and/or acrylic-based systems can be used with products such as Sikalastic®-1K, SikaTop®-107 Protection T and Sikalastic®-260 Stop Aqua recommended. The SikaCeram®-106 Extra does not replace the waterproofing system.

### MIXING

Mix each 25 kg bag with the appropriate quantity of 5.5 to 5.75 liters of water using a low-speed electric mixer (~500 rpm) with a suitable mixing spiral, in a clean bucket, until an even, lump-free paste is obtained.

After mixing, leave the product to stand for 5 to 10 minutes, then stir briefly before application. The resulting mixture is very creamy and thixotropic, and is easy to apply.

## APPLICATION

### Bonding

- Spread the adhesive mortar on the substrate using a trowel, then adjust the thickness using a notched trowel (choice of teeth depending on the format of the covering and the flatness of the substrate).
- In the case of double gluing, coat the back of the element to be bonded with a thin layer of mortar-adhesive (1 to 2 mm).
- Within the open time limit, place the covering on the glued substrate and press hard or tap it so as to expel air and achieve good transfer of the mortar-adhesive.
- Clean the covering with a sponge as soon as it is in place.
- Avoid wetting an already applied adhesive with water, as wetting will damage the adhesive.
- These limits apply to non-heating cement-based substrates.
- For any other type of substrate, please contact the Sika technical department.
- When laying tiles of a size equal to or greater than 900 cm<sup>2</sup> (e.g. 30x30 cm), it is always recommended to apply the double-sided bonding technique.

### Grouting

- Wait at least 12 hours for the adhesive mortar to dry before grouting. Use the grouting mortar SikaCeram® CleanGrout or SikaCeram® EpoxyGrout.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## 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

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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.

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