

# PRODUCT DATA SHEET

## SikaCeram<sup>®</sup>-621

### FLOWFIX JOINTING COMPOUND - FLOWABLE PORCELAIN GROUT JOINTING COMPOUND

#### PRODUCT DESCRIPTION

SikaCeram<sup>®</sup>-621 FlowFix is a ready to use (just add water), flowable joint filling and grouting compound. It is fast to use and delivers exceptional bond strength - perfect for grouting large areas with joints 3-10 mm wide.

#### USES

- For use with porcelain or ceramic paving
- Simple and fast application - ideal for large scale areas
- Suitable for joints 3-10 mm wide and at least 20 mm deep

#### CHARACTERISTICS / ADVANTAGES

- Fast setting with exceptional bond strength
- Simply squeegee into joints for fast and effective application
- Cures in 60 minutes to a non-permeable finish
- Suitable for vehicular traffic
- Can be applied to wet or dry surfaces
- Can be used internally or externally

#### PRODUCT INFORMATION

<b>Packaging</b>	20 kg bags
<b>Appearance / Colour</b>	Light Grey Ivory
<b>Shelf Life</b>	6 months
<b>Storage Conditions</b>	Protect SikaCeram <sup>®</sup> -621 FlowFix from frost and store between 5 °C and 20 °C
<b>Density</b>	Wet density: 2.21 g/cm <sup>3</sup>
<b>Compressive Strength</b>	Light Grey: 47.5 MPa Ivory: 62.4 MPa
<b>Flexural Strength</b>	8.1 MPa
<b>Joint width</b>	3-10 mm wide Minimum 20 mm deep

## APPLICATION INFORMATION

Mixing Ratio	20 kg powder to 3.2 litres clean water
Consumption	One 20 kg bag of SikaCeram®-621 FlowFix will cover up to 40 m <sup>2</sup> depending on the size of the joint and tile
Ambient Air Temperature	+5 °C and 25 °C
Pot Life	20 minutes

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

- Ensure tiles are sound, clean and dust free
- The joints must be clear of material
- We recommended the use of **SikaCeram®-62 Bonding Primer** to ensure good bond strength between the tile and mortar bed
- The tiled area should be stable and secure
- There must be no standing water
- The joints must be between 3-10 mm wide with a depth of at least 20 mm

### MIXING

- Mix contents of the bag (20 kg) with 3.2 litres of clean water using a drill and spiral action mixer
- Always add powder to water
- Mix for approx. 3 minutes until a smooth, lump free flowable mortar results
- Do not overmix or create excessive air bubbles within the product
- Do not mix more product than can be used with 20 minutes

### APPLICATION

- Pour SikaCeram®-621 FlowFix Jointing Compound into the joints immediately after mixing
- Using a squeegee work SikaCeram®-621 FlowFix Jointing Compound across the tiled area ensuring all joints are filled
- Add more product to joints as required
- Leave for 20-30 minutes before cleaning

### CLEANING OF TOOLS

- Remove product residue from the tiled surface using a sponge float with clean fresh water
- Any tough areas should be scrubbed with a stiff brush then washed away once the mortar has begun to cure
- Do not brush over joints
- Once the mortar has sufficiently set, the tiled area can be polished using a dry soft cloth to remove any final mortar residues
- Ensure there is no residue of product left on the tiled surface

## LIMITATIONS

- Only apply when surface and air temperature is between +5 to 25 °C
- Do not apply in heavy rain or if heavy rain is likely within 3 hours
- Do not add further water to the product once mixed. Do not try to reconstitute
- Avoid brushing joints within 24 hours of application to avoid a poor finish

## VALUE BASE

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

## 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 the exact product data and uses.

## 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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## 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.

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SikaCeram-621-en-GBEVER-(07-2020)-1-1.pdf

**Product Data Sheet**

SikaCeram®-621  
July 2020, Version  
01.01  
021720100000000114

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