

PRODUCT DATA SHEET

SikaCeram[®]-621

FlowFix Jointing Compound - Flowable Porcelain Grout Jointing Compound

PRODUCT DESCRIPTION

SikaCeram[®]-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 surfaces
- Exterior use only

PRODUCT INFORMATION

Packaging	20 kg bags
Shelf Life	9 months
Storage Conditions	Protect SikaCeram [®] -621 FlowFix from frost and store between 5 °C and 20 °C
Appearance / Colour	Light Grey / Ivory / Buff / Dark Grey Powder
Density	Wet density: 2.21 g/cm ³
Compressive Strength	Light Grey: 47.5 MPa Ivory: 62.4 MPa Dark Grey: 37.2 MPa Buff: 37.2 MPa
Flexural Strength	8.1 MPa
Joint width	3-10 mm wide Minimum 20 mm deep

APPLICATION INFORMATION

Mixing Ratio	20 kg powder to 3.0 - 3.4 litres clean water
Consumption	One 20 kg bag of SikaCeram [®] -621 FlowFix correctly mixed with water

will cover up to 40 m² based on 900 mm x 600 mm pavers 5 mm wide and 20 mm deep.

Ambient Air Temperature	Between +5 °C and 25 °C
--------------------------------	-------------------------

Pot Life	20 minutes
-----------------	------------

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.

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

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Ensure tiles are sound, clean and dust free
- The joints must be clear of material
- The tiled area should be stable and secure
- Pre-wet the tiles but ensure there is 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 3.0- 3.4 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 within 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
- Ensure product has hardened sufficiently before cleaning. This usually takes between 30-60 minutes depending on site conditions.

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

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.

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.

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @Sikalreland



Product Data Sheet

SikaCeram®-621
March 2022, Version 02.01
021720100000000114

3 / 3