

PRODUCT DATA SHEET

Sika® FastGaps 20 Minutes

WATERBASED GAP AND CRACK FILLER



PRODUCT DESCRIPTION

Sika FastGaps 20 Minutes is a 1-component, non-sag, fast drying acrylic dispersion sealant for painters. The sealant is non-staining and can be painted or papered over approximately 20 minutes after application. Fast Gaps is suitable as an acoustic sealant for use in conjunction with other approved components in meeting a maximum STC (Sound Transmission Class) level of 60, as defined in the NZ Building Code Section G6 - 'Airborne and Impact Sound'.

USES

- For gap filling in both exterior (painted) and interior situations.
- For use in gaps and cracks on plaster, timber, plaster boards, around window and door frames, between skirting and walls, and along stairways
- Sealing of indoor connection joints with low movement in substrates such as concrete, aerated concrete, plaster, fibre cement, brick, plasterboards, aluminium, PVC and wood.
- Indoor connection joints around windows, window sills, doors, PVC pipes, dry participation walls and ceiling.
- Interior crack filling (for cracks not under permanent water immersion).

CHARACTERISTICS / ADVANTAGES

- Good application properties
- Solvent-free
- Over-paintable
- Good adhesion on various substrates
- Transportable at -10 °C (max. 24 hours)
- For interior/exterior use
- Fast drying
- Very low emissions

TESTS

APPROVAL / STANDARDS

EMICODE EC1^{PLUS}

EN 15651-1 F INT

PRODUCT DATA

FORM

COLOUR

White

CHEMICAL BASE

1-Component acrylic dispersion

PACKAGING

300 ml cartridge, 12 cartridges per box.

STORAGE

STORAGE CONDITIONS / SHELF-LIFE

24 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met. Store in dry conditions, protected from direct sunlight and frost, at temperatures between +5 °C and +25 °C.

TECHNICAL DATA

DENSITY

1.60 kg/l approx. (ISO 1183-1)

SHORE A HARDNESS

45 approx. (after 28 days) (ISO 868)

MOVEMENT CAPABILITY

± 10% (only for cracks and non-movement joints)

SERVICE TEMPERATURE

-25 °C to +70 °C (dry)

JOINT DESIGN

The joint width must be designed to suit the joint movement required and the movement capability of the sealant. The joint width shall be ≥ 10 mm and ≤ 15 mm. A width to depth ratio of 2:1 must be maintained (for exceptions see table below).

Min. joint width [mm]	Min. joint depth [mm]
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10	10
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15	10
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For larger joints please contact our Technical Service Department.

System Information

APPLICATION DETAILS

CONSUMPTION / DOSAGE

Length of joint [m] = 300 or 600 ml / (Joint width [mm] x Joint depth [mm])
Litres / Meter run of joint = (joint width [mm] x joint depth [mm]) / 1000
[m x mm² / l]

Joint length [m] per	300 ml	Joint width [mm]	Joint depth [mm]
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3.0	10	10	10
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2.0	15	10	10
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Triangular joints (where the sides of the joint meet at a right angle) shall have sides ≥ 7 mm.

SAG FLOW

<1 mm (23 °C)

(ISO 7390)

AMBIENT AIR TEMPERATURE

+5 °C to +30 °C, min. 3 °C above dew point temperature

SUBSTRATE TEMPERATURE

+5 °C to +30 °C

CURING RATE

4 mm/24 hours approx. (23 °C / 50% r.h.)

(CQP 049-2)

SKIN TIME

6 minutes approx. (23 °C / 50% r.h.)

(CQP 019-1)

APPLICATION INSTRUCTIONS

For the application of Sika FastFaps all standard construction guidelines apply.

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Sika FastGaps 20 Minutes adheres without primers and/or activators. For porous substrates, e.g. concrete, plaster and/or wood, Sika FastGaps can be dissolved in water (1:1 to 1:5 ratio) and be used as a primer if necessary. On plastics and paints, adhesion tests must be performed prior to application. Iron and steel must be protected with an anti-corrosion primer.

APPLICATION

Sika FastGaps 20 Minutes is supplied ready to use. Cut end off threaded stub on cartridge, screw on nozzle and cut to desired bead size at a 45° angle. Fit cartridge into Skeleton gun and extrude sealant into the joint or gap. Smooth off seal immediately with a wet spatula or sponge.

CLEANING OF TOOLS

Clean all tools and application equipment immediately after use with water. Once cured, residual material can only be removed mechanically.

LIMITATIONS

- Colour variations may occur due to exposure to chemicals, high temperatures and/or UV-radiation (especially with the colour white). However, a change in colour is purely of aesthetic nature and does not adversely influence the technical performance or durability of the product.
- Application during high temperature changes is not recommended (movements during the curing).
- Do not use Sika FastGaps 20 Minutes as glass sealer, in floor joints, in sanitary joints, on marble, natural stones, and civil engineering.
- Do not use Sika FastGaps 20 Minutes for joints under water pressure or for permanent water immersion.
- Do not use Sika FastGaps 20 Minutes on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might bleed oils, plasticizers or solvents that could attack the sealant.
- Sika FastGaps 20 Minutes must be painted over if used externally.

VALUE BASE

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

Product Data Sheet

Sika® FastGaps 20 Minutes

22/06/2016, Ver.No. 0616

Sika FastGaps 20 Minutes - PDS - 0616

NZ · APAC

Sealing

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations.

FOR MORE SIKA® FASTGAPS 20 MINUTES INFORMATION:



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