

PRODUCT DATA SHEET

Fill that Gap Exterior

HIGH PERFORMANCE ACRYLIC GAP FILLER FOR OUTDOOR USE

DESCRIPTION

Fill that Gap Exterior is a 1-component, non-sag acrylic dispersion sealant with $\pm 12.5\%$ movement capability for outdoor gap and crack filling.

USES

Fill that Gap Exterior is designed for sealing gaps with moderate movement in substrates such as timber, plasterboard, plaster & concrete, brick & masonry, fibre cement and aluminium. Fill that Gap Exterior is designed for filling gaps around exterior weatherboards, walls, window frames, door frames, brickwork and eaves.

CHARACTERISTICS / ADVANTAGES

- For exterior use
- Good application properties
- Solvent-free
- Low toxicity and low VOC
- Low odour
- Over-paintable
- Paint over in 60 minutes (120 minutes for Flat paints)
- Good adhesion on various substrates
- High flexibility
- Rain, wind and UV resistant when painted over
- Easy clean-up in water

APPROVALS / STANDARDS

EN 15651-1 F EXT-INT 12.5 P

PRODUCT INFORMATION

Chemical Base	1-Component acrylic dispersion
Packaging	300ml cartridges, 12 cartridges per box
Colour	White
Shelf Life	Twenty-four (24) months from date of manufacture when stored as stated.
Storage Conditions	Store in undamaged, original, sealed packaging in dry conditions, protected from direct sunlight and frost, at temperatures between + 5 °C and + 25 °C.
Density	~ 1.60 kg/l (ISO 1183-1)

TECHNICAL INFORMATION

Shore A Hardness	~ 35 (after 28 days) (ISO 868)
Movement Capability	~ $\pm 12.5\%$ (ISO 11600)
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. For movement joints 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)
10	8
15	8

For larger joints please contact our Technical Department.

APPLICATION INFORMATION

Consumption

Length of joint [m] = 300 ml / (Joint width [mm] x Joint depth [mm])
Litres / Meters run of joint = (Joint width [mm] x Joint depth [mm]) / 100 ml

Joint length (m) per 300ml ctg	Joint width (mm)	Joint depth (mm)
3.0	10	10
2.0	15	10
1.5	20	10

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	2 mm/24 hours approx. (+ 23°C / 50 % r.h.)	(CQP 049-2)
Skin Time	15 minutes approx. (+ 23°C / 50 % r.h.)	(CQP 019-1)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Fill that Gap Exterior adheres without primers and/or activators. For porous substrates, e.g. concrete, plaster and/or timber, Fill that Gap Exterior can be dissolved in water (1:1 to 1:5 ratio) and be used as a primer if necessary.

APPLICATION METHOD / TOOLS

Fill that Gap Exterior is supplied ready to use. Insert cartridge into the sealant gun and extrude the product into the joint, making sure that it comes into full contact with the sides of the joint and avoids any air entrapment. The product must be firmly tooled against the joint sides to ensure adequate adhesion. It is recommended to use masking tape where exact joint lines or neat lines are required. Remove the tape within the skin time. Do not use tooling products containing solvents. Water can be used if wet-tooling is required.

CLEANING OF TOOLS

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

LIMITATIONS

- Product can be painted over.
- Not suitable for exterior use unless painted over.
- While acrylic sealants are paintable, some paint coatings, especially those with low solids, may crack when applied over a flexible sealant.
- If top coating with a solvent-borne enamel paint, prime with Resene Quick Dry primer
- *If the product has not fully cured before painting, some paints may crack when drying. To avoid this, allow product to cure for at least 24 hours for large gaps. NOTE: allow longer drying times in cooler weather.
- Although Fill that Gap Exterior is rain resistant, do not apply product while it is raining. Protect from rain until fully skinned.
- Do not use on damp or wet surfaces.
- Do not use for joints under water pressure or for permanent water immersion.
- If contact with water will be frequent, use Sikaflex® MS instead.
- Colour variations may occur due to exposure to chemicals, high temperatures and/or UV-radiation. 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 if temperature is below 5°C.
- Do not use as a glass sealer, in floor joints, in tongue and groove flooring, in sanitary joints, on marble,

- natural stones, and civil engineering applications.
- Do not use on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might bleed oils, plasticizers or solvents that could attack the product.

BASIS OF PRODUCT DATA

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.

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika (NZ) Limited
85-91 Patiki Road
Avondale, Auckland 1026
New Zealand
0800 745 269
www.sika.co.nz



Product Data Sheet
Fill that Gap Exterior
March 2019, Version 01.01
020514040002000028

FillthatGapExterior-en-NZ-(03-2019)-1-1.pdf