

Weberseal Acrylic GF

Water-based, acrylic joint sealant and gap filler

Weberseal Acrylic GF is a one-component, water-based, acrylic joint sealant and gap filler. It is semi-flexible and mould resistant.



PRODUCT BENEFITS



**WATER
BASED**



**MOULD
RESISTANT**



**SEALING FOR
SEALANTS**

USES

Weberseal Acrylic GF is suitable for sealing various substrates, including concrete, aluminium, cracks in plasters or renders, plasterboards, UPVC plastic for windows and doors, wood, cement fibre board, cement wood-chip board, and ceramic tiles. It can be painted over with water-based paints and can be sanded back.

ADVANTAGES

- Odourless
- Non corrosive
- Neutral curing
- Easy to smoothen and finish

TECHNICAL DATA & PHYSICAL PROPERTIES

Base	Acrylic Polymer
Colour	White, Grey, Black
Specific Gravity	Approx. 1.7 kg/ litre
Skinning Time	Approx. 10 minutes
(+23 °C/50 % RH)	
Curing Rate	Approx. 2 mm/24 hours
(+23 °C/50 % RH)	
Sag Flow	Non Sag
Movement Capability	± 10 %
Temperature Resistance	- 20 °C to + 80 °C
Extrusion Rate	Approx. 20 - 80 g/10 sec
Shore A Hardness	40 - 60 after 28 days
(+23 °C/50 % RH)	
E-Modulus	Approx. 0.5 N/mm ²
Elongation at Break	Approx. 80 %
(+23 °C/50 % RH)	
Elastic Recovery	> 10 %
(+23 °C/50 % RH)	
Fungus & Algae Resistance	Passed
Shrinkage	Approx. 15 %

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. It must be dry with no standing water. For porous mineral substrates, dampen the surface first. Use masking tape seam beside the joint to protect from any excessive sealant.



Application

Cut the end off the threaded stub on the cartridge, screw on the nozzle, and cut the nozzle to the desired bead size at a 45° angle.

Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish, if necessary, with a spatula. Masking tape is then lobe removed within 10-15 minutes after finishing. Remove any uncured material using clean water. Leave for 48-72 hours before painting (fully cured).



Design Criteria

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 6-20 mm. The width to depth ratio of ~ 2:1.

PRECAUTION

Do not apply Weberseal Acrylic GF on bitumen, PE, PP, PTFE, or silicone. Protect uncured Weberseal Acrylic GF from rain or water approximately 3 hours after application. Do not use in areas subject to constant water immersion.

CONSUMPTION

Joint Width (mm)	6	9	12	20
Joint Depth (mm)	4	5	6	10
Joint Length (280 ml)	~ 12.0 / m	~ 6.0 / m	~ 4.0 / m	~ 1.5 / m

CLEANING

Clean the tools and equipment immediately after use with clean water. Hardened material can be removed mechanically.

STORAGE & PACKING

Weberseal Acrylic GF is available in 280 ml cartridges. Shelf life of 12 months if unopened and kept in dry and cool conditions at temperatures between 0°C and 30°C.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jun '23)



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