weberseal acrylic GF

weberseal acrylic GF is a one component water based acrylic joint sealant and gap filler. It is semi-flexible and mold resistant.

Advantages

- Odourless, neutral curing
- Non corrosive
- Can be painted over using water based paints
- Can be sanded back once fully cured
- Water clean-up of uncured sealant
- Easy to smoothen and finish

Use

Suitable for sealing on various substrates
- Concrete
- Cracks in plaster/render
- Plasterboard
- Plastic (UPVC) for windows and doors
- Wood, cement fibre board, cement wood-chip board
- Ceramic tiles
- Aluminum

Package

Cartridge 280 ml. (24 cartridges/box)

Color

White, Grey, Black

Saint-Gobain Weber Co., Ltd.
14th Fl., Gypsum Metropolitan Bld. 539/2 Sri-Ayutthaya Rd., Phayathai, Ratchathewi, Bangkok 10400 Thailand
Tel: +66 (0) 2 245 8777 Fax: +66 (0) 2 245 7425-8 contact@weberthai.com

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Surface preparation

- Use on homogeneous substrates
- Clean and dry surface with no standing water
- Free from oil, grease, dust and loose or friable particles
- For porous mineral substrates the surface should first be dampened
- 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
- Any uncured material can be removed using clean water
- Leave for 48 to 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

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Consumption

Joint width	6 mm.	9 mm.	12 mm.	20 mm.
Joint depth	4 mm.	5 mm.	6 mm.	10 mm.
Joint length / 280 ml	~12.0/m.	~6.0/m.	~4.0/m.	~1.5/m.

Limitations

- Do not apply **weberseal acrylic GF** on bitumen, PE, PP, PTFE, and silicone
- Protect uncured **weberseal acrylic GF** from rain or water approximately 3 hours after application
- Do not use **weberseal acrylic GF** in areas subject to constant water immersion

Storage and shelf life

12 months from date of production if kept in undamaged and unopened original sealed containers. Stored in a protected area away from direct light in dry conditions at temperatures between 0˚C and +30˚C

Cleaning

Clean all tools and application equipment immediately with clean water. Hardened/cured material should be removed mechanically

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Technical Specification

Test	weberseal acrylic GF
Material type	Acrylic polymer
Specific gravity	1.7 kg./litre
Skinning time	~ 10 minutes (+23˚C / 50% RH)
Curing rate	~ 2 mm/24h (+23˚C / 50% RH)
Sag flow	Non sag
Movement capability	± 10%
Temperature resistance	-20˚C to +80˚C
Extrusion rate	20-80 g./10 sec
Shore a hardness	40-60 after 28 days (+23˚C / 50% RH)
E-Modulus	~ 0.5 N/ mm^2 at 100% elongation
Elongation at break	~ 80% (+23˚C / 50% RH)
Elastic recovery	> 10% (+23˚C / 50% RH)
Fungus and algae resistance	Pass
Shrinkage	Approximately 15%