



EVO-STIK Frame Sealant Weather Lock

NEUTRAL CURE SILICONE FRAME SEALANT

TECHNICAL SHEET NO: TDS01943 11/07/2023

SMART ADVANTAGES

- Pressure washer tested 1400 PSI
- EN1026 Airtightness tested
- Excellent resistance to UV and mould

DESCRIPTION

EVO-STIK Frame Sealant Weather Lock protects against water damage by creating a tough, flexible seal around window and doorframes. In addition, it can also be used as a glazing sealant.

Pressure washer tested to 1400 PSI and IP tested to the highest IPX9 standard, Weather Lock is also tested to EN1026: Airtightness up to 1050 Pa.



TECHNICAL CHARACTERISTICS

Colours	White, Clear, Brown & Anthracite
Form	Soft gunnable paste
Specific Gravity	1.22 g/ml
Shore A hardness	19
Composition	Neutral cure silicone
100% Modulus	0.35 N/mm ²
Application Rate	130 g/min
Application temperature	+5°C to +40°C
Cure time *	Skin Formation: 8 minutes, @23°C /50% RH (Relative Humidity).
Elongation at Break	550%
Flow	< 2mm
Joint Movement	25%
Permeability (EN 1026)	En= 0.018m ³ /h @ 600Pa
Permeability test	Till 1050 Pa
Temperature Resistance	-40°C to +120°C
Tensile Strength	1.30 N/mm ²

* Cure through: Approx. 2mm/24 hours at 23°C/ 50% RH. Fully cured in approx. 1-2 days depending on bead width, temperature and humidity.

COVERAGE

- Approx. 10 linear metres of 6mm diameter bead per C20 cartridge

APPLICATION

IMPORTANT: Before using EVO-STIK Frame Sealant Weather Lock, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Work in warm but well-ventilated conditions.
- Joint surfaces must be clean, dry, sound and free from dust and other contaminants that may impair adhesion.
- If desired place masking tape along the joint edges before application. This can make it easier to make a neat, tooled finish. Use a spatula with a round end to tool the sealant and check that this tool just fits into the gap between the masking tape so that it catches the excess sealant.
- Do a test run without applying any sealant to 'get a feel' for the difficult areas to seal.
- Suitable backing material should be compressed into the gap/joint to create a pocket of the correct depth for the sealant to finish flush with the surface of the wall.

APPLICATION

- Unscrew the nozzle, and using a sharp knife, cut off the dome of the cartridge, taking care not to damage the thread. Screw the nozzle onto the cartridge.
- Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
- Fit the cartridge into the cartridge gun by pressing the release plate and pulling out the plunger. Insert cartridge and repeatedly squeeze the trigger until the sealant appears.
- Place the nozzle at the start of the gap, and gently squeeze the trigger. Push forward slowly, ensuring that contact is made by the sealant with both sides of the gap. At the end of the run, release the trigger and press the plunger release plate of the gun.
- Sealant must be gunned firmly into the joints to ensure good adhesion to the joint surfaces.
- The Joint depth should always be in the correct relationship of the joint width.

$$\text{Joint Depth} = \frac{(\text{Width(mm)})}{3} + 6\text{mm.}$$

- Smooth the sealant with a wet, round ended tool (do not use a wetted finger), remove any excess with a cloth moistened with white spirit and then remove the masking tape from either side of the bead.
- After use, ensure the cap is replaced to prevent nozzle from clogging.
- The sealant skins over rapidly (approx. 8 minutes @ 23°C/50% RH) and is fully cured in 1-2 days depending on bead width, temperature and humidity.

CLEANING

- Uncured Sealant.
The bulk should be removed carefully using a soft scraper. The remainder can be removed using a cloth just moistened with white spirit. Repeat using another clean cloth moistened with white spirit.
- Cured sealant
There is no adequate solvent; carefully cut away excess with a very sharp knife. Do not use solvent to remove product from skin – use soap and water.

STORAGE

- 18 months from the date of manufacture when stored in the dry between +5°C & +25°C, out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

- Work in warm but well-ventilated conditions.
- Joint surfaces must be clean, dry, sound and free from dust and other contaminants that may impair adhesion.
- If desired place masking tape along the joint edges before application. This can make it easier to make a neat, tooled finish. Use a spatula with a round end to tool the sealant and check that this tool just fits into the gap between the masking tape so that it catches the excess sealant.
- Do a test run without applying any sealant to 'get a feel' for the difficult areas to seal.
- This material is NOT paintable. We recommend covering the edges of the joint with masking tape to prevent adjacent surfaces that will be painted from being contaminated by silicone.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for EVO-STIK Frame Sealant Weather Lock available at www.bostik.com/uk.

PACKAGING

Product codes	30620663	White C20 x 12
	30620624	Clear C20 x 12
	30620664	Brown C20 x 12
	30620665	Anthracite C20 x 12

1213	UK CA	22
DOP available on: www.bostik.com/uk TDS Number: TDS01943 DoP nr: White: 645-21-3078		
EN 15651-1 F-EXT-INT-CC 25LM EN 15651-2 G-CC 25LM		
Façade & Glazing Sealant		

1213	CE	22
DOP available on: www.bostik.com/uk TDS Number: TDS01943 DoP nr: White: 645-21-3078		
EN 15651-1 F-EXT-INT-CC 25LM EN 15651-2 G-CC 25LM		
Façade & Glazing Sealant		

DOP NUMBER		
Product codes	White	645-21-3078
	Clear	645-21-3077
	Brown	645-21-3079
	Anthracite	645-21-3080

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Safety Data Sheets	Tel: 01785 272625	sds.box-eu@bostik.com

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