
EVO-STIK SILICONE FRAME SEALANT

A MOISTURE CURING SEALANT SYSTEM

Evo-Stik Silicone Frame Sealant is a, low modulus, neutral-cure sealant based on silicone polymers which, on exposure to air, will react with moisture to form a tough, elastic rubber.

Evo-Stik Silicone Frame Sealant is a superior, long-life sealant specially formulated for its weatherproofing properties. It is suitable for exterior use and has been developed to accommodate high movement, conforming to ISO 11600 F-25LM.

Features

- Excellent movement accommodation.
- Life expectancy of up to 25 years.
- Excellent adhesion.
- Rapid cure.
- No shrinkage.
- Easy application.
- Excellent durability and weather resistance.

Applications

- Evo-Stik Silicone Frame Sealant is for use in properly designed exterior high movement joints, especially around door and window frames.
- Suitable for all types of frames including: aluminium, hardwood and PVCu.
- Evo-Stik Silicone Frame Sealant is also suitable for high movement joints in building applications. For example between blockwork, brick, concrete and masonry.
- Evo-Stik Silicone Frame Sealant, particularly the clear version, ideal for use with Polycarbonate sheeting.

Limitations

- The product is unsuitable for use in movement joints in floors, due to abrasion by traffic.
- Do not use where the sealant will come into contact with bitumen.
- Evo-Stik Silicone Frame Sealant cannot be over-painted.

Method Of Use

Before using this product, please refer to Safety Data Sheet.

Joint Preparation

- All joint surfaces must be sound, clean, dry and free from oil, grease, dust and other loose material.
- Oil and grease should be removed from non-porous substrates using a suitable cleaner. In order to provide a firm base on which to extrude the sealant and also to ensure that suitable depth of sealant is maintained, moving joints should be backed with polyethylene foam backing strip.
- Do not apply sealant to frost contaminated surfaces.

Application

- Cut the cartridge nozzle at an angle at the point required to provide a suitable diameter bead of sealant.
- Cut off the dome at the top of the cartridge without damaging the thread and screw the nozzle onto it.
- Fit the cartridge into the sealant gun, then force the sealant into the joint, ensuring that it makes full contact with the sides.
- The sealant surface can be improved by tooling to a smooth finish using a tooling stick or trowel wetted with a dilute detergent, within 3-5 minutes of application. Do not use a wetted finger.

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Information Sheet No.: ZE0180

COVERAGE

Joint dimensions	Coverage per cartridge
6mm diameter bead.	10.5m
6mm square joint (channel)	8.5m
12mm (face width) fillet bead.	8.5m

SHELF LIFE: 12 months from the date of manufacture when stored in un-opened containers.

STORAGE: Store under dry conditions between 5°C and 25°C.

PACKAGING **Code:**

473323 Brown	C20	x12
483330 White	C20	x12
483705 Clear	C20	x12

HEALTH AND SAFETY: Available separately in file named as the packaging code above.

TYPICAL CHARACTERISTICS

Form: Soft paste.
Cure Type: Neutral.
Specific Gravity: 1.01 at 23°C and 50% Relative humidity.
Skinning Time: Up to 20 minutes. Surface usually tack free within 45 minutes.
Cure Time: Approx. 2-3 mm per 24 hours at 23°C and 50% relative humidity.
Shore (A) Hardness: 18
Shrinkage: Negligible.
Tensile Strength: 0.5 MPa
Modulus at 100% elongation: 0.34 MPa
Elongation at Break: >250%
Application Temperature: +5°C to +40°C
Service Temperature: -60°C - +130°C
Slump Resistance: Excellent, suitable for joints up to 25mm wide
Minimum joint size: 6mm by 6mm
Life Expectancy: When used and applied as recommended the sealant will perform in excess of 25 years.

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