

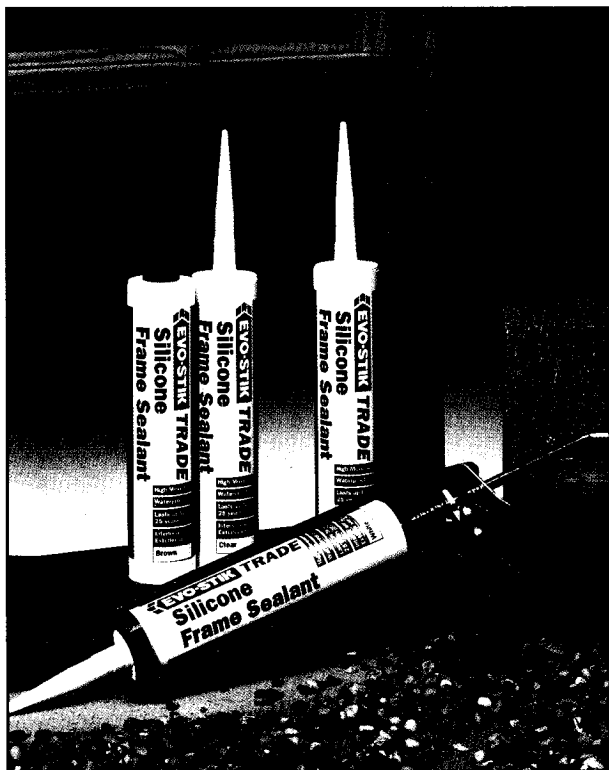
# Evo-Stik Silicone Frame Sealant

## Low Modulus Silicone Sealant

### Features

- Movement accommodation  $\pm 50\%$ .
- Life expectancy of up to 25 years.
- Excellent adhesion.
- Rapid cure.
- No shrinkage.
- Easy application.
- Excellent durability and weather resistance.

Evo-Stik Silicone Frame Sealant is a low modulus silicone 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, i.e.  $\pm 50\%$  of the mean joint width.

Evo-Stik Silicone Frame Sealant has excellent adhesion to numerous substrates including concrete, glass, most plastics, wood, steel, brick and anodised and mill finished aluminium. However, concrete and brickwork should be primed first using Evo-Stik Silicone Primer for Masonry. (See separate Product Data and Safety Data sheets for details). Evo-Stik Silicone Frame Sealant cannot be over-painted.

### Uses

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, i.e., between blockwork, brick, concrete and masonry.

Evo-Stik Silicone Frame Sealant Clear is suitable for use with Polycarbonate sheeting, but the Brown and White variants are not.

### Shelf Life

Up to 12 months when stored in a dry place within the temperature range of 5°-30°C.

### Packaging

C20 cartridges in cartons of 12.

### Constitution

Evo-Stik Silicone Frame Sealant is based on a blend of silicone polymers.

### Coverage

Approximately 11 metres of 6 mm bead per C20 cartridge.

### Colours

White, Brown and Clear.

## Quantity Guide

The following equation will give the approximate number of C20 cartridges required:

$$0.0034 \times M \times C$$

Where:

M = Length of joint in metres.

C = Cross-sectional area of joint in square millimetres.

## Performance

Adhesion - Excellent to most common substrates when clean and dry.

Slump Resistance - Will not slump from joints of cross section of 25 mm x 12.5 mm.

Joint Movement Accommodation -  $\pm$  50% of the mean joint width.

Life Expectancy - Up to 25 years.

Temperature Resistance - Satisfactory for continuous exposure to temperatures between minus 50° C and 120° C.

Cure Time - 24 hours.

Shrinkage - Negligible.

## Method of Use

IMPORTANT

Before embarking on any work involving Evo-Stik Silicone Frame Sealant, the section headed 'Precautions in Use' and the separate Safety Data Sheets for Brown and White or Clear must be carefully studied by those carrying out the work.

## 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 adequate depth of sealant is maintained, moving joints should be backed with polyethylene foam backing strip.

## 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 using it with the correct technique, force the Evo-Stik Silicone Frame 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 dipped in dilute detergent, within 3-5 minutes. Do not use a wetted finger.

## Precautions in Use

Avoid inhaling vapours as the sealants cures. Avoid contact with eyes and in particular with contact lenses. Clean skin without delay if contact occurs. Avoid contact with the mouth.

## Storage

Store in a dry place at temperatures below 30°C.

## Spillage and Disposal

Scrape up spilt sealant and reserve for disposal until it has cured to a tack-free rubbery solid. Dispose of scrap sealant and emptied cartridges by landfill tipping.

## Services

This Product Data Sheet covers just one of a large range of products manufactured by Evode Limited. Full information on the products and advice on application is freely available from our fully trained staff throughout the country. Specialist advice and assistance are given by our Technical Services Department.

This Product Data Sheet supersedes all previous information on this product, and users of it are cautioned to ensure that it is the current issue.

Destroy all previous Product Data Sheets, and if in any doubt, contact Evode Limited, quoting the number in the top right hand corner on the front of this document.



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