

## PRODUCT DATA

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# Evo-Stik Multi Purpose Silicone Sealant High Modulus Silicone Sealant

### Features

- Contains fungicide.
- Interior and exterior applications.
- Life expectancy of up to 25 years.
- Exceptional durability and weather resistance.
- Good joint movement accommodation.
- Excellent adhesion to most common surfaces.

Evo-Stik Multi Purpose Silicone is a high modulus, acetoxysilicone sealant, which on exposure to air will react with moisture to form a tough, elastic rubber, with the evolution of a small amount of acetic acid vapour. Evo-Stik Multi Purpose Silicone has been developed to a superior standard. It has excellent waterproofing qualities, high resistance to water and detergents and also contains a mould inhibiting fungicide. The high movement accommodation of this sealant, i.e.,  $\pm 12.5\%$  of the mean joint width ensures that it can be used with confidence externally.



Evo-Stik Multi Purpose Silicone Sealant has excellent adhesion to numerous surfaces including, most plastics, vitreous enamel, ceramic, glass, metal, gloss painted surfaces and decorative laminates.

Evo-Stik Multi Purpose Silicone Sealant cannot be over-painted and is not suitable for use in aquaria or on concrete and other alkaline materials.

### Uses

#### External

For sealing properly designed joints between non-porous surfaces in the glazing and waterproofing of curtain wall structures.

As a replacement for putty in the glazing into window frames.

#### Internal

For sealing around baths, sinks, showers and kitchen worktops.

### 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.

C30 cartridges in cartons of 12.

### Constitution

Evo-Stik Multi Purpose Silicone Sealant is a blend of siloxane polymers and reinforcing fillers.

### Coverage

Approximately 11 metres of 6 mm bead per C20 cartridge.

Approximately 13.5 metres of 6 mm bead per C30 cartridge.

### Colours

White, Clear, Brown and Black.

(Black only available in C20 cartridges)

## Quantity Guide

The following equations will give the approximate number of cartridges required:

$$C20 : 0.0034 \times M \times C$$

$$C30 : 0.0028 \times M \times C$$

Where:

M = Length of joint in metres.

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

## Performance

Adhesion - Excellent to a variety of surfaces when clean and dry.

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

Joint Movement Accommodation -  $\pm 12.5\%$  of the mean joint width.

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

Life Expectancy - Up to 25 years.

Cure Time - 24 hours for a 6 mm bead.

Shrinkage - Negligible.

## Method of Use

IMPORTANT

Before embarking on any work involving Evo-Stik Multi Purpose Silicone Sealant, the section headed 'Precautions in Use' and the separate Safety Data Sheet 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.

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.

Do not apply sealant to frosty 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 using it with the correct technique, force the Evo-Stik Multi Purpose Silicone 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

Evo-Stik Multi Purpose Silicone Sealant does not present any particular hazard during use. Nevertheless, should skin contact occur, wipe off excess immediately with a paper towel and then clean the skin with a suitable hand cleanser and wash thoroughly. Do NOT use solvent.

Should the material be swallowed, seek medical advice. In the event of contact with the eyes, irrigate with water and seek medical advice.

## Storage

Store in a dry place within the temperature range of 5°-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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