

Description

Tri-Fixx Roof & Gutter Premium (100%) silicone is a one component, mid modulus, neutral curing silicone which provides excellent adhesion to many common building substrates.

Features

- Excellent adhesion properties
- Stays permanently flexible
- Joint Movement \pm 25%
- Suitable for interior and exterior applications
- Unaffected by rain, snow, extreme temperature change
- Ultra violet resistant
- Suitable for water potable applications *
- Translucent & Grey tested to AS/NZS 4020 *
- Weather Proofing
- Excellent shelf life

Properties	
Colours	Refer to "Product Details"
Skin Time @ 20°C	5 minutes approx.
Tack Free Time @ 20°C	30 minutes approx..
Cure Time (to 10mm @ 23°C & 50% RH)	5-7 days
Application temperature	+10°C to + 40°C
Performance temperature	- 50°C to +170°C
Hardness Shore A (ASTM D-2440)	20
Tensile Strength (ASTM D-412)	1.5 MPa
Sag/Slump	0
Specific Gravity	1.03
Cure Method	Neutral - Oxime

Recommended Uses

- Plumbing Roofing applications
- Metal roofing systems
- Metal water tanks
- Spouting/flashing and downpipes
- Lap joints in Zinalume®, Colorbond® and other decorative sheet metal
- Skylights and metal and PVC flues and extraction units
- Pipe or sprinkler system penetrations
- Air conditioning ducting and sheet-metal fabrications
- General purpose adhesive and sealant for building materials such as steel, aluminium, glass, concrete, brick, Ceramic, Terracotta roof tiles.

Application Instructions

Surface Preparation

Surfaces to be sealed must be clean, dry and free of wax, grease, cutting oils or any loose of flaking materials. Use the two-wipe process for impervious substrates. Ensure the cloths are clean and changed frequently. To achieve satisfactory adhesion a primer may be required for some substrates. Consult Tri-Fixx for more information.

Application

Use masking tape each side of joint to simplify clean up, to protect surfaces and to ensure a neat job. Use a closed cell polyethylene-backing rod 25% larger than the joint width, to control the depth of the joint where required.

Cut nozzle at 45° angle to desired thickness. Cut opening on cartridge and fix nozzle. Insert cartridge into caulking gun. Hold gun at 45° angle with nozzle in contact with both sides of joint. Apply by pushing sealant ahead of nozzle, thus ensuring sealant is pushed firmly into place.

Tool off / smooth before skin forms (within 5 minutes). Remove excess sealant immediately with a cloth dampened with mineral turpentine. If used, remove masking tape before skinning has started. Cured sealant can be removed by trimming with a sharp blade.

The incompatibility of some substrates may cause discolouration of sealant, poor sealant adhesion or long-term degradation of the sealant. Always carry out compatibility tests where contact with potentially incompatible materials occurs.

Coverage

Approximately 16 lineal metres per 300ml cartridge based on an average joint size of 6mm depth and 3mm width.

Setting Time

Sealant will skin over within 5 minutes (subject to humidity in air – lower the humidity longer time to skin over and cure, high humidity shorter skin and cure time).

Limitations

Tri-Fixx Roof & Gutter is **NOT** suitable for use in the following applications:

- Totally confined spaces as the sealant requires atmospheric humidity to cure, it will not cure where it does not have access to atmospheric humidity.
- Aquariums
- Adhering Mirrors
- Structural Glazing
- Composite panels
- Under Water Applications (including swimming pools subject to substrate).
- Below Grade Applications
- All Stone (We recommend the completion of a stain testing program before using any sealant on stone).
- Horizontal walkways and trafficable areas
- Polycarbonate sheeting
- Sealant may discolour copper & brass.
- Do not clean or treat the sealant with materials, cleaning agents or solvents that may affect or discolour the sealant, particularly during product curing.
- **This silicone is not paintable.**

NOTE: Silicones are not always compatible with plasticised sealants, such as butyls. Also, note that some backing rods and tapes contain bitumen or other agents that are incompatible with the silicone.

If there is a requirement to paint the sealant, consult Tri-Fixx for further product recommendations. Refer to Technical Data Sheet of product for appropriate application and follow both the sealant and paint manufacturers painting instructions carefully, when painting these sealants.

TIP

For granite, marble or porous masonry and stone materials, Polyurethane sealant (non-silicone) can be used. Always test product in a small inconspicuous area before using. Plumb Seal is also paintable

IT IS IMPORTANT TO NOTE: Oxime silicone sealant will tend to display a slight colour shift with age.

Chemical exposure to certain agents such as chlorinated cleaning solutions (ie, bleach), chemical solvents, and the fumes of some paints (enamel or solvent – containing types where not fully dried) may tend to magnify this yellowing change particularly where the sealant is still curing.

Storage & Shelf Life

Always store the sealant in a cool dry place.

Ideal storage temperature is not more than 23°C. Prolonged storage at high temperatures may affect shelf life and ultimate performance. The shelf life of Tri-Fixx Roof & Gutter is 12 months from date of manufacture when stored below 23°C and below 50% relative humidity, in unopened cartridge.

Health & Safety**CAUTION**

Full product safety information required for safe use is not included in this data sheet. Before handling, read the separate Safety Data Sheet (SDS) and packaging for safe use. Always read the Technical Data Sheet and Safety Data Sheet (SDS) before opening or using this product.

In case of product emergency refer to product labelling or SDS and contact phone numbers. A copy of the product SDS is available from Tri-Fixx or its distributors.

FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766)

SEE THE SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)

Product Details

Item Code	S	Colour	Pack Quantity
SAESILPRG-CLR	300ml	Translucent	20
SAESILPRG-GRY	300ml	Grey	20
SAESILPRG-WHT	300ml	White	20
SAESILPRG-BLK	300ml	Black	20

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