

### PRODUCT DESCRIPTION

A premium quality 100% silicone, moisture curing, neutral sealant suitable for roofing applications. It is non-corrosive on metals with very high resistance to UV and weathering so ideal for internal and external applications. It is suitable for water potable applications where the cured silicone will be in contact with drinking water. Once cured it is elastic, waterproof and can withstand high joint movement of  $\pm 25\%$ .

### APPLICATIONS

It is ideal for use for roofing, guttering and rainwater tanks for sealing flashings, skylights, cladding, roof tiles, downpipes, ducting, lap joints with superior adhesion to concrete, PVC, metal including Colorbond®, aluminium, zinc, galvanised steel, and most powder coated surfaces (pretest before use).

### FEATURES

- **100% silicone, contains no extenders**
- **UV Resistant**
- **Weather Resistant**
- **Highly elastic  $\pm 25\%$**
- **AS4020 approved for drink water contact**
- **Meets GBCA limits for VOC of max 50g/L**

### SURFACE PREPARATION

All surfaces must be clean, dry, sound and free from wax, dust, oil, rust, grease or any other contamination prior to the application of **xxx**. For best results clean non-porous surfaces prior with IPA or **xxx**.

### APPLICATION INSTRUCTIONS

Cut nozzle at 45-degree angle to desired bead width and apply to substrate with sealant gun. Tooling time is 5-10 minutes and tack free time is 1 hour. Use approved backing material for joints over 10mm deep. Clean up uncured silicone with mineral turpentine, if cured remove mechanically.

### TYPICAL PROPERTIES

| PROPERTY                                    | TYPICAL RESULT         |
|---|------------------------|
| <b>Technology</b>                           | Neutral (Oxime) 100%   |
| <b>Curing Method</b>                        | Moisture Curing        |
| <b>SAG/Slump @23°C:</b><br>JIS A 1439       | No Slump<br>(0.1% max) |
| <b>Shore A Hardness</b><br>ASTM D2240       | 17-23                  |
| <b>Skin Time</b><br>25°C / 50% RH           | 5-10 mins              |
| <b>Dynamic Joint Movement</b>               | $\pm 25\%$             |
| <b>Tensile Strength (MPA)</b><br>JIS K 6249 | 1.0                    |
| <b>Elongation @ Break</b><br>JIS K 6249     | 400%                   |
| <b>Cure Rate 10mm</b><br>25°C / 50% RH      | 5-7 Days               |
| <b>Operating Temp Range</b>                 | -50°C - 180°C          |
| <b>Density (g/cm<sup>3</sup>)</b>           | 1.03                   |
| <b>VOC Content</b><br>SCAQMD Method 304-91  | 31 g/L                 |

Values given in this list should not be used as specifications. All Data based on samples cured for 7 days @23°C and 55% R.H.

### JOINT DESIGN

To allow the sealant to perform effectively, the correct joint design requires that the following sealant depth to width ratios be followed:

| Rule: Joint widths < 12mm, width to depth ratio is 1:1 |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|
| <b>Width</b>   | 5mm  | 6mm  | 7mm  | 8mm  | 9mm  | 10mm | 11mm |      |
| <b>Depth</b>   | 5mm  | 6mm  | 7mm  | 8mm  | 9mm  | 10mm | 11mm |      |
| Rule: Joint widths < 12mm, width to depth ratio is 2:1 |      |      |      |      |      |      |      |      |
| <b>Width</b>   | 12mm | 14mm | 16mm | 18mm | 20mm | 24mm | 28mm | 32mm |
| <b>Depth</b>   | 6mm  | 7mm  | 8mm  | 9mm  | 10mm | 12mm | 14mm | 16mm |

A suitable backer rod (open or closed cell) must be used to ensure that the correct joint depth is achieved.

**STORAGE**

12 months from date of manufacture if stored below 28°C

**Please read the product safety data sheet (SDS) prior to using this product.**

**LIMITATIONS**

- Not suitable for structural glazing
- Not suitable for submerged joints where porous substrates permit water to the bind interface
- Not suitable for aquarium construction
- Should not be applied in contact with bituminous materials or some rubber products as these may contain components which can migrate into the sealant and result in staining or reduced performance.
- Complete painting before applying sealant, as sealant cannot be successfully painted over.

| Packaging | Size  | Colour                     |
|-----------|-------|----------------------------|
| Cartridge | 300ml | Trans, Grey, White, Black, |

**Notice**

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.