

# TECHNICAL DATASHEET

## Silicone 303

### Description & Uses

Cromar AlphaChem Silicone 303 is a premium low modulus, neutral cure silicone for expansion joints and perimeter pointing. Fast curing low meko formula with excellent adhesion to different substrates. With excellent tooling and added anti fungal compound and uPVC adhesion promoters.

Ideal for:

- For building and construction joints with high movement
- For perimeter sealing of window and door frames (uPVC, wood and aluminium)
- For weather sealing and joint sealing of in-fill panels

### Benefits

- CE Marked to EN15651-1, 2 F-EXT-INT, G25LM
- Weatherproof
- Anti-fungal
- Permanently elastic
- UV stable colours
- Low odour
- Low meko, ( Methyl Ethyl Ketoxime)
- Compatible with metal and alkaline surfaces

**Available in:** 380ml cartridges in White, Anthracite, Black, Buff, Brick Red and Mid Grey.

### Application

- Ensure all surfaces are clean, sound, dry and free from dust, grease or other contaminants.
- For best results in movement joints, fill any gaps or voids with Alpha Chem Expanding Foam or suitable backing tape or rod.
- Porous substrates should be primed to ensure optimal adhesion.
- Cut thread and then the nozzle to the required size.
- Apply with an Alpha Chem professional sealant gun.
- Apply at temperatures between +5 and +45°C.
- For tooling down, apply light pressure, using a wetted spatula.
- Clean tools with Cromar White Spirit.
- It is the user's responsibility to dispose of all packaging correctly.



### Joint Size

The correct joint layout requires the sealant to be in contact with only 2 surfaces. This is achieved through the use of Joint Backer Rod. If the is not deep enough to use Backer Rod then a Bond Breaking tape can be utilised.

- Sealant joint depth should be no less than 5mm
- Joint depth should be 5mm for joints of up to 10mm wide
- Joints above 10mm wide should have a depth of at least half of the width.

### Maintenance

Resistant to all common cleaning chemicals. In bathrooms / showers ensure regular cleaning to prevent mould / grime build up. Stains can be removed using commercial bleach.

### Storage

Store in cool, dry conditions between +5 and +25°C.

### Shelf Life

12 months if stored in unopened, original packaging as directed.

### Limitations

- Not suitable for use with aquaria
- Not suitable for use on bitumen or asphalt.
- Overpainting is not recommended.
- Risk of yellowing in low UV light.
- It is the user's responsibility to ensure suitability for use.
- Read the label prior to use it contains essential health and safety information, further information can be found on the Safety Data Sheet available on request.

### Technical Data

<b>Base</b>	Polysiloxane
<b>Cure Rate</b>	Approx 2mm / 24hr
<b>Skin Formation</b>	8 mins
<b>Shore A Hardness</b>	White: 20 ± 5
<b>Movement Accommodation</b>	25%
<b>Elongation At Break</b>	Approx 400%

*Skin formation and cure rates are dependent on humidity and temperature.*

**Further Information:**

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail [info@cromar.uk.com](mailto:info@cromar.uk.com).

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