

# TECHNICAL DATASHEET

## Multi-Purpose & Sanitary Silicone

### Description & Uses

Cromar Alpha Chem Multi-Purpose & Sanitary Silicone is a high performance, quick curing, acetoxy curing silicone for general sealing, sanitary and glazing applications. Provides a permanently water tight flexible seal and offer excellent adhesion properties on most common non-porous building materials.

Resistant to aging, cracking, discolouring, many chemicals, cleaning agents and detergents.

Ideal for:

- General sealing and glazing applications
- Sealing around windows and doors for insulation and gap filling
- Sealing in DIY applications
- Connection and expansion joints on glass, porcelain, steel etc
- Sealing electric, telephone etc. sockets and switches
- Sealing around baths, showers and other sanitary ware
- Sealing around pipes and sanitary fixtures
- Sealing duct work

### Directions

- Ensure all surfaces are clean, sound, dry and free from dust, grease or other contaminants. Old silicone should be removed using a silicone remover.
- Application temperature must be between +5°C and +40°C
- Fill any gaps or voids with Alpha Chem Expanding Foam or suitable backing tape or rod.
- Cut thread and then the nozzle to the required size.
- Apply sealant with a sealant gun and tool down, with light pressure, using a wetted spatula or gloved finger within 5 minutes of application.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.
- It is the user's responsibility to dispose of all packaging correctly.

### Storage

Store in cool, dry conditions.

### Shelf Life

18 months if stored in unopened, original packaging at room temperature.



### Limitations

- Not recommended to use on porous surfaces like marble, natural stone, concrete etc.
- Because of acidic curing, it must not be used on mirrors and sensitive metals like copper, brazen, lead.
- Not overpaintable.
- Not suitable for aquariums.
- If exposed to direct sunlight, sealant gets yellowish because of the antibacterial property.
- Sealant needs moisture for curing therefore it shouldn't be applied in completely closed places. It is the user's responsibility to ensure suitability for use.
- **Read the label prior to use it contains any relevant health and safety information.** Safety Data Sheet available on request.

### Technical Data

Density	0.96 – 0.98 g /ml (ASTM D 792)
Shore A Hardness	15 – 25 (after 28 days)
Skin Formation	8-20 minutes (23°C and 50% RH)
Curing Rate	Minimum 2.5mm / day (23°C and 50% RH)
Tensile Strength	≥ 0.7 N/mm <sup>2</sup> (ASTM D 412)
Elongation at Break	≥ 350% (ASTM D 412)
Sagging	0 mm
Application Temperature	+5 to +40°C
Temperature Resistance	-40 to +180°C

### 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).

*All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.*