

# TECHNICAL DATASHEET

## Tradesman LMA Silicone

### Description & Uses

Cromar Alpha Chem Tradesman LMA Silicone is a premium, high quality acetoxy curing silicone for general sealing and glazing applications. Provides a permanently water tight flexible seal and offer excellent adhesion properties on most common non-porous building materials. Includes a powerful fungicidal compound for use on sanitary ware.

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

Ideal for:

- General sealing and glazing applications inside and outside the home
- 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 and fixings
- 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

24 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 over paintable.
- 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.
- Due to the many different quality grades of PVCu always carry out an adhesion test before use. Priming is highly advised for optimum results.
- **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).

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