





### TECHNICAL DATA SHEET

# **FTG Silicone**

SANITARY GRADE SILICONE

**PREMIUM GRADE 100%** 

**ACETOXY SILICONE SEALANT** 

LOW MODULUS

**HIGHLY FLEXIBLE** 

**SOLVENT FREE** 

SUITABLE FOR KITCHENS, **BATHROOMS, WALLS & FLOORS** 

Larsen FTG Silicone is a premium quality, one part low modulus elastic sealant based on acetoxy curing polysiloxanes for sanitary and construction applications. The fast curing formulation exhibits excellent adhesion to baths, basins, shower enclosures, toilets, glass and glazed tile surrounds. After application FTG Silicone cures to provide a non-shrink, durable, waterproof elastic seal with low dirt pick-up and mould resistance. FTG silicone is available in a range of colours to complement FTG Flexible Tile Grout.

























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#### PRODUCT INFORMATION

| FORM                    | Paste  |
|-------------------------|--|
| STANDARD<br>COLOURS:    | Clear, white, platinum and graphite  |
| HAZARD<br>INFORMATION:  | Warning: Contains fungicide. FTG silicone contains a biocide (4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT) CAS nr: 64359-81-5) for the preservation of the cured sealant. During curing time, acetic acid is produced by the sealant. Avoid contact with skin. Ensure good ventilation. If uncured sealant gets into eyes, wash out with water and consult a doctor. Safety data sheet available for professional user on request. |
| CLEANING                | Clean tools, equipment, etc. using white spirit. Mechanical means are necessary when the product has set.  |
| PACKAGING               | 300ml cartridge  |
| STORAGE<br>INSTRUCTIONS | Store in sealed containers in dry conditions, protected from extremes of temperature   |
| SHELF LIFE              | 18 months in unopened manufacturers packaging  |

### **APPLICATION INFORMATION**

| MIN JOINT WIDTH:            | 5mm           |
|-----------------------------|---------------|
| MAX JOINT WIDTH:            | 30mm          |
| MIN JOINT DEPTH:            | 5mm           |
| SKIN TIME:                  | 7min          |
| CURE RATE:                  | 2mm/24hr      |
| APPLICATION<br>TEMPERATURE: | +5°C TO +30°C |

### PERFORMANCE INFORMATION

| HARDNESS:                | 20+5 Shore A   |
|--------------------------|--|
| DENSITY:                 | Clear/White - 1.03<br>Colours - 1.25                     |
| TEMP RESISTANCE:         | -60° to +180°C   |
| ELASTIC RECOVERY:        | >90%   |
| MAX DISTORTION:          | 25%  |
| ELASTIC MODULUS<br>100%: | 0.4MPa   |
| ELONGATION AT<br>BREAK:  | 800%   |
| CLASSIFICATION:          | Type F - EXT-INT-CC: CLASS 25LM<br>Type G-CC: CLASS 25LM |

Type S: CLASS XS1

#### **DIRECTIONS FOR USE**

Surfaces to be sealed must be clean, dry, sound and free from dust, oil or grease. Primer is not required on clean glass, ceramics and enamelled surfaces. Remove cartridge tip with a sharp knife. Cut nozzle to required size and angle. Using skeleton gun, apply sealant continuously, ensuring full contact with all surfaces. Must be tooled within five minutes. Soapy water will assist finishing process. Cannot b overpainted. Not recommended for PE, PP, PTFE and bitminous or wax containing surfaces. Not recommended for direct contact with the perimeter of isolation glass and the edges of laminted safety glass. Adhesion tests prior to application are recommended. It is the user's responsibility to determine suitability.

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled, and applied in accordance with current best practice, national standards, and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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## **DIRECTIONS FOR USE (continued)**

#### **RESTRICTIONS**

Do not use in applications where continuous water immersion is possible. The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remaining will stimulate the development of fungi. Adhesion tests prior to application are recommended. It is the user's responsibility to determine suitability.

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