

# SOPRA SIL

## Silicone Joint Sealant, Neutral Cure

**SOPRA** SIL is a silicone polymer sealant containing fungicide. This sealant provides excellent resistance to oxidation, water, salt haze, ozone UV light, mildew, moss, moisture, etc. It also has high resistance against seasonal ageing, acids, solvents provides outstanding weatherability.

### Uses

- \* **SOPRA** SIL is particularly recommended for sealing all kinds of horizontal or vertical joints. In sanitary field (bathroom, showers, basins) kitchens, plumbing, laboratory fittings ... etc.
- \* Sealing curtain walls, refrigerated rooms, glazing systems, windows frames, woodwork ... etc.
- \* Tiling, skylight ship decks, connecting joints, caravans, coachwork... etc.
- \* A typically "do-it-your-self" material.
- \* **SOPRA** SIL does not need primer.
- \* However, for higher demands, to get the optimum adhesion we recommend to use our primer.

### Specifications

- \* Colours: White, grey, black, bronze mahogany.
- \* Odour: Ammoniated.
- \* Specific gravity at 20°C/68°F: 1.02
- \* Shore "A" hardness: 25
- \* Flow: Nil
- \* Elongation at break: > 400%.
- \* Modulus of elongation at 100% : 0.13mpa
- \* Recovery from deformation: > 100%.
- \* Service temperature range: 50°C upto 150°C
- \* Application Temperature: 5°C upto 45°C

- \* Tack free time : 1 hour approx. depending on temp. and humidity.
- \* Full cure: 2-3 hours.
- \* Extrusion rate: (through a 3 mm nozzle, pressure 3 Bars) 100g/ minute.

### Standards

**SOPRA** SIL meet the requirements of: French: LABEL SNJF-Elastomer 1st category light precast, primerless.

U.K. B.S. 5889 A-High modulus silicone sealant

U.S.A. TT - S 001543A

GERMANY - DIN 18.540

### Particularities

**SOPRA** SIL is well known for its superior, primerless, adhesive properties with glass, ceramic, polyester, freestone, crockery, enamelled surfaces, PVC, epoxy, acrylic, stratified surfaces, plastic, teflon, aluminium, metal treated or painted, wood, stone, bricks etc. Can be painted onto (depending on paint composition Trials suggested before).

### Packaging

Gun Grade: Plastic cartridges of 310 ml

### Storage -Shelf Life

12 months from the fabrication date when stored. It is imperative that they are kept cool and dry in tightly closed cartridges or containers. Shelf life is printed on each cartridge, pail and box.