



## **XCHEM CHEMICALS PRODUCT DATA SHEET**

### **FORTSEAL - SILICONE SEALANT HOME**

#### **DESCRIPTION**

**FORTSEAL Silicone Sealant Home** is an acetoxy curing sealant. It is a non-slump; fast curing one component silicone, which cures at room temperature under the action of atmospheric moisture to give a high strength elastomeric silicone rubber designed for DIY application, glazing application, joint sealing and assembly.

#### **KEY APPLICATION**

1. Standard glazing and cladding.
2. General bonding and sealing of glass, windows, tiles, ceramics, kitchen sinks, metal, metal joints, building joints, most plastics and can find many more uses around the home.

#### **KEY BENEFITS**

**FORTSEAL Silicone Home when cured is;**

1. Antifungal.
2. High and low temperature resistant (-55°C to 180°C).
3. Waterproof and does not discolour when exposed to sunlight.
4. Does not shrink or crack.

#### **DIRECTIONS FOR USE**

1. To achieve good adhesion to the desired substrate, it is recommended that the surface is dry, dust and oil free.
2. It is advisable to conduct an adhesion test prior to application.
3. Use only in well-ventilated areas.
4. Apply firmly into position and allow to cure.
5. Actual drying times depend on wind, humidity, temperature and film thickness. High humidity or low temperature and heavy films extend drying times.
6. Attains skin in 10 (ten) minutes and will be touch-dry within 1 (one) hour.
7. Allow 18-24 hours to cure fully.

**Not recommended for** use underwater; on porous substrates; on wet, damp, frozen or contaminated surfaces. It is further not recommend for use behind mirrors. It contains fungicides and is therefore not suitable for fish tanks.

#### **TECHNICAL DATA**

Appearance	:	Clear Paste
Skin over time	:	10 - 15 minutes
Application temperature	:	5 to 40°C
Shore hardness DIN53505	:	18

#### **CAUTION**

Silicone materials are hydrophobic in nature and if accidentally over-applied onto adjacent joint surfaces (even if removed immediately), can create a waterproofing effect on some substrate types when the substrate is wet. Uncured product may cause irritation to eyes, skin and respiratory system. Should there be contact with eyes, flush with water immediately and seek medical attention. Avoid oral contact.

#### **STORAGE AND STABILITY**

**FORTSEAL Silicone Home** should be stored out of reach of children and in a dry place below 35°C. Shelf life is 24 months if stored in original sealed container.

**This product is recommended for use according to its Key Applications and Directions as listed on the packaging. DO NOT mix with improper substances as this will affect the quality and performance of the product. All cautionary measures should be noted as indicated to ensure safer use. XChem will replace products if found to be defective.**

**The data and recommendations concerning this product are the result of XCHEM extensive laboratory testing and experience.**