

# SILFIX<sup>®</sup> U7

## DESCRIPTION

Silfix<sup>®</sup> U7 is a high modulus, acetoxy cure silicone sealant and adhesive that possess exceptional tooling properties, especially formulated for the professional user. Suitable for use in sanitary and plumbing applications for industrial, commercial and domestic applications where a highly elastic product that does not shrink or crack is required. Excellent adhesion is achieved to variety of non-porous substrates including; glass, ceramics, aluminium and painted timber, with the added benefit of containing a fungicide.

## KEY FEATURES

- High Modulus, Acetoxy cure (20LM).
- Excellent primerless adhesion to most substrates.
- Supplied in 310ml cartridges.
- CE marked for glazing and sanitary applications including cold climates.
- Excellent tooling properties, highly rated by professional users.
- High UV radiation, ozone and temperature resistance.
- Typical acetic cure odour.
- Non slump.

## USES

- Sealing around baths, basins and shower trays.
- Most Sanitary Applications.
- General sealing and caulking applications.
- Glass to glass sealing.
- Sealing between dissimilar materials such as; uPVC, aluminium, composite and timber frames into masonry, brick and plaster walls.
- Industrial sealing and bonding.
- Waterproofing of rimless sinks.
- General weather and draft-proofing applications.

## TECHNICAL APPROVALS

Silfix<sup>®</sup> U7 conforms to the following standards and UK counterparts with relevant CE & UKCA markings:  
EN 15651-2: G-CC (Class 20LM)  
EN 15651-3: S (Class XS1).

## LIMITATIONS

- Not suitable for structural glazing applications.
- Do not use on highly porous stone or metal finishes that may corrode.
- Not suitable for construction of aquaria or in areas of permanent immersion.
- Do not use on bitumen / asphalt substrates or those that bleed oil, plasticisers and solvents.
- Silfix U7 is not paintable.
- Not suitable for the bedding of IGU's or laminated glass, use Silfix U9.

## PERFORMANCE

**Adhesion:** Excellent.

**Movement Accomodation:** ± 20%

**Base technology:** Acetoxy; one component; RTV silicone polymer.

**Chemical Resistance:** Excellent.

**Curing system:** Moisture cure.

**Hardness:** Shore A = 15-25

**Tack free time:** 25 min @ 23°C / 50%

**Density:** 1.05g/ml

**Curing rate:** 2-3mm / 24hours

**Tensile strength:** > 1.25 N/mm<sup>2</sup>

**Service temperature range:** - 40°C to +150°C

**Slump:** Non-sag

**UV resistance:** Excellent

**Elongation:** 350-1000%

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## APPLICATION

### PROPERTIES

**Application temperature range:** +5°C to +40°C

**Shelf life:** 12 months when stored in cool, dry conditions away from direct sunlight.

### INSTRUCTIONS

**Surface preparation:** All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. Most substrates only require priming if testing indicates it is needed. Apply using a skeleton gun into the joint ensuring good contact with surfaces. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed.

**Tooling:** Tool immediately after application, within the working time for the product.

## EQUIPMENT

A selection of hand & air operated guns is available for cartridge application including a high power type especially suitable for filling deep voids.

## PACKAGING

**310ml cartridges** - 25 per case

**Colours:** Translucent, White

## HEALTH AND SAFETY

- Non-flammable. Wash hands immediately after use.
- Consult Product Safety Data Sheet before use.

## GENERAL

Silfix<sup>®</sup> U7 is part of a full range of specialty sealants designed for the professional user. For further information, please contact our Customer Care team or visit our website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.

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