

# SILFIX<sup>®</sup> U8

## DESCRIPTION

Silfix<sup>®</sup> U8 is a low modulus, neutral cure, solvent free, alkoxy silicone sealant with excellent application characteristics and excellent adhesion to a wide range of substrates used in the building envelope. The product is specifically formulated and suitably packaged for the professional applicator.

## KEY FEATURES

- Low Modulus, neutral cure (25LM).
- Excellent primerless adhesion to most substrates.
- Supplied in 380ml cartridges.
- CE Marked for façade and glazing applications including cold climates.
- Excellent tooling properties.
- High UV radiation, ozone and temperature resistance.
- Low odour.
- Non slump.

## USES

- Perimeter pointing of door and window frames.
- Sealing curtain walling and pre-formed panels.
- Sealing of construction joints where movement can occur.
- Bonding and sealing of uPVC trims and components.
- Fully compatible with Hodgson's Flexistrip and range of butyl strip sealants.
- Glass to Glass sealing.
- Sealing between dissimilar materials such as; uPVC, aluminium, composite and timber frames into masonry, brick and plaster walls.
- Joints in roofing, cladding, insulation and guttering.
- For use in expansion joints.
- Sealing and bonding of metals including; lead, copper and bronze.
- General weather and draft-proofing applications.

## LIMITATIONS

- Not suitable for structural glazing applications.
- 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 U8 is not paintable.
- Not suitable for the bedding of IGU's or laminated glass, use Silfix U9.

## PERFORMANCE

**Classification:** EN15651-1: F-INT-EXT-CC: CLASS-25 LM.  
EN15651-2: G-CC: CLASS-25LM  
ISO11600 F&G 25LM.

**See DoP No:** DOP2019-1-Silfix U8

**Adhesion:** Excellent.

**Movement Accomodation:** ± 25%

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

**Chemical Resistance:** Excellent.

**Curing system:** Moisture Cure.

**Hardness:** Shore A = 30-32

**Tack free time:** 35 min @ 23°C / 50% RH.

**Density:** 1.50g/ml

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

**Tensile strength:** 1.9 N/mm<sup>2</sup>

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

**Slump:** Non-sag

**UV resistance:** Excellent

**Elongation:** >680%

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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 and/or sausage application including a high power type suitable for filling deep voids.

## PACKAGING

**Cartridge Size** - 380ml

**Colours:** White, Black, Buff, Brown, Anthracite, Grey & Brick Red.

## HEALTH AND SAFETY

- Non-flammable.
- Wash hands immediately after use.
- See Product Safety Data Sheet for further information

## GENERAL

Silfix<sup>®</sup> U8 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.