

## Product information: WIDOPUR-LF 1K

**Basis**

Silane terminated polyether

**Reinforcement**

Polyester-Fleece G 165

**Consumption**approx. 3,5 kg/m<sup>2</sup>**Curing**

rainproof after approx. 30 min.

walkable after approx. 4 h

at +20°C / 60% rel. humidity

**Water diffusion resistance (μ)**

approx. 2950

**Reaction to fire**

E according to DIN-EN 13501-1

**Basic colour**

anthracite (similar to RAL 7016)

**Packaging unit**

13,50 kg

**Minimum working temperature**

+5°C

**Temperature resistance**

-30°C to +90°C

**Cleaning in fresh condition**

WIDOPAN-Cleaner

**Storage**

If storage temperature is held constantly between + 5°C to +30°C and container is kept closed and protected from frost, the product may be used for up to 12 months.

WIDOPUR-LF 1K is a solvent free one component liquid waterproofing, specially designed for creating detailed connections at roof and construction sealings.

Possible applications of WIDOPUR-LF 1K are connections and roof penetrations such as fans, piping-holes, pillars and constructions, light domes and chimneys, balcony doors and windows as well as all kinds of connections which are only hard to create with traditional sealing methods.

The material basis of WIDOPUR-LF 1K is a silane terminated polyether. A polyester-fleece G165 or G225 is encapsulated for reinforcement, applying 2/3 of the polyether on the subsoil underneath the polyester-fleece and 1/3 on top of the polyester-fleece. The reinforcement determines the tear resistance and the tensile elongation at break and ensures a uniform layer thickness.

The overlap of the reinforcement layers must be at least 5 cm. The covering to external materials is to be defined separately but should not be less than 10 cm. This creates a homogeneous and crack-binding seal.

WIDOPUR-LF 1K is UV stable and therefore resistant to ageing. It is resistant to roots in conformity with DIN EN 13948 (FLL guidelines). In addition, WIDOPUR-LF 1 K is resistant to burning brands and supplementary radiant heat according to DIN EN 13501-5.

Also, WIDOPUR-LF 1K adheres without undercoating to almost every surface which is dry (max. 6%), free from grease, oil, loose particles and any other substances which may reduce the adhesion.

For surfaces which might require a priming, please refer to our instructions on priming and contact our application technician.

A coating is possible without any further preparation up to 16 hours after the application of the WIDOPUR-LF 1K. Only after 16 hours the surface needs to be roughened up before another layer can be applied. Alternatively, it is possible to sprinkle the wet material with quartz sand where working should be continued.