

WIDOSEAL-LF 1K



Basis
SMP

Reinforcement
Polyester fleece G120

Consumption (2,1 mm layer thickness)
approx. 2,8 kg/m²

Curing time (at. +20°C/50% humidity)
approx. 24h
Rainproof after approx. 45 min.

Fire Classification E according to DIN-EN 13501-1

Basic colour
Grey / White

Packaging units
7,00 kg

Minimum working temperature
+5 °C

Temperature resistance
- 20°C to + 80°C

Cleaning in fresh condition
WIDOPAN-Cleaner

Storage
If container is kept closed and storage temperature held constantly below + 25°C the product may be used for up to 6 months.

WIDOSEAL-LF 1K is a solvent free, one component liquid waterproofing for flameless application on details, structural waterproofing and special applications. Possible applications are connections, roof components such as vans, pipe penetrations, mounts or wall connections on balconies.

The material has been tested in accordance with the test principles for liquid plastics for waterproofing buildings (PG-FLK)

The material basis of WIDOSEAL-LF 1K is an SMP. Polyester fleece G120 is used as reinforcement. The reinforcement determines the breaking strength and elongation at break and ensures an even layer thickness. The overlap of reinforcement layers must be at least 5 cm. The overlap to other materials is to be determined for each case separately, but should not be less than 10 cm. This results in a homogeneous and crack-filling seal.

Surface preparation

WIDOSEAL-LF 1K adheres without priming to many surfaces which are dry (max. 5% dampness), free from grease/oil, loose parts and other materials which may lower the adhesion. Surfaces which need to be primed can be found in our references for priming. You may also seek advice from our application engineers.

Applicaton

There is a foil on the material within the bucket which has to be removed before using the material. Then, the material needs to be stirred thoroughly with a slowly rotating agitator. Then, 2/3 of the waterproofing material is applied onto the prepared surface with a paint roller. Then, the Polyester fleece is embedded into the material and the remaining 1/3 of material is applied onto the fleece using the paint roller. Once the container has been opened, the material should be used up swiftly. Should the material form a thin firm layer, this can easily be removed and the remaining material may be used up.

Additional coatings may be applied within 24 hours without any further preparation. After 24 hours, the surface needs to be roughened before a further layer may be applied. Alternatively, areas which may need additional coatings, may be sprinkled with quartz sand while first layer is still wet.

Further details, especially regarding hazard statements, security advices and measures in the event of fire can be found in the safety data sheet under sections 2, 4, 5, 6, 7 and 8.

Please also refer to our instructions on priming and to our technical information sheets