

isolera FLK 1K

Silane-modified liquid plastic, bitumen-free, solvent-free

Characteristics:

isolera FLK 1K is a one-component, stable, highly crack-bridging, bitumen-free, water-free and solvent-free special coating based on special polymers. The product is moisture-reactive and cures without bubbles. For this reason, isolera FLK 1K can be used almost regardless of the weather. Curing is guaranteed even at very high humidity levels. Due to a special adjustment of the raw material components, the material is UV stable.

Scope of application:

isolera FLK 1K is used for the production of exterior structural waterproofing of buildings in areas in contact with the ground. The product is suitable for use on horizontal and vertical surfaces. In addition, isolera FLK 1K can be used as an intermediate sealant (under cement floors) for floor slabs, balconies and terraces as well as for bonding rigid foam insulation boards. The material adheres to all dry and slightly moist, mineral substrates, as well as bituminous substrates. Furthermore, isolera FLK 1K can be used for all detail waterproofing and roof waterproofing over non-occupied areas.

Technical specifications:

Base:	Polymer
Colour:	grey
Working temperature:	from +5°C to +35°C
Density:	approx. 1.52 g / cm ³
Crack bridging:	> 350%
Consistency:	paste-like, sprayable, rollable and trowelable
Curing time:	approx. 20 hours (+20°C / 50% rel. humidity)
Consumption:	approx. 1.5 kg per mm layer thickness
Layer thickness:	Depending on the substrate 1 mm wet layer thickness corresponds to approx. 1 mm dry layer thickness. Possible max. layer thickness up to 8 mm

Processing:

Preparation of the substrate:

The substrate must be dry to slightly damp, load-bearing, sound and clean. Loose components, soil, separating

agents, formwork oil, grease and other separating layers that reduce adhesion must be removed before applying isolera FLK 1K. Damaged concrete and plaster areas, cracks and holes must be repaired or closed beforehand. Burrs and sharp-edged unevenness must be removed beforehand. A primer coat is recommended if necessary.

Material:

isolera FLK 1K can be applied by spraying, rolling or troweling onto the substrate to be sealed and, if necessary, primed. The material is ready for use.

A hollow / sealing cove must be made before sealing the surface with isolera barrier mortar. Special attention must be paid to a proper execution of the waterproofing in the area of joints, connections and penetrations. The fresh coating must be protected from rain!

The surface waterproofing must be protected from damage. Protective and drainage layers should only be applied after the waterproofing layer is completely dry. We recommend the use of isolera system protection for waterproofing protection. Clean tools mechanically.

Recommended tools:

Lambskinroller, smoothing trowel, trowel, spraying machine, gloves, protective goggles

Remarks:

The information provided corresponds to the current state of development. They do not claim to be complete. A professional and thus successful processing of the products is not subject to our control. A guarantee can therefore only be given for the quality of the products, but not for the processing. It is the responsibility of the user to determine the suitability of our products for his purpose. Preliminary tests are recommended.

Storage life:

6 months (frost-free and dry in original packaging)

Delivery form:

7 kg aluminium bag
2 bags per bucket
30 buckets per pallet



isolera BAU &
ABDICHTUNGS
SYSTEME

isolera GmbH | Gamsweg 17 | 36041 Fulda | www.isolera.de
Tel. +49 (0) 661.250 94 83