

Processing instructions (manufacturer's specifications):

MUREXIN 1 KS Liquid Film

Preparation of the substrate:

The structural substrates on which the seal is applied must be dry, free of frost, solid, stable, torsion-resistant, free of dust, contaminants, oil, grease, separating agents and loose parts and meet currently the valid standards. Soft layers and slurry accumulations are to be removed. Substrates must be pre-treated according to their corresponding type (e.g. by diamond grinding, shot blasting etc.).

The seal can be used on conventional mineral building substrates such as concrete, screed, cement-based plaster, gypsum, wooden materials, rigid foam boards, tiles; the substrate must be suitable and approved for the existing load.

The substrate must be prepared accordingly by priming (e.g. LF 1 primer).

Processing:

The substrate, material and ambient temperature should be between +5 °C and +25 °C. The ideal air humidity range is 40% to 60% relative humidity.

a) *Stirring:*

The material is to be stirred before use.

b) *Seal edge or corner joints, floor/wall transitions and wall corners*

On the prepared substrate, in a first step the external and internal corners (DB 70 Sealing Tape internal corners and DB 70 Sealing Tape external corners) and then the sealing tapes (DB 70 Sealing Tape) are fully glued to the floor/wall transitions and the area of the wall corners with Liquid Film 1 KS. The sealing part is to be arranged in the middle of the joint or the wall corner.

The overlap of sealing tape/sealing tape or sealing tape/internal or external corners is at least 5 cm. The formation of air bubbles under the system parts is to be avoided. Air bubbles are to be removed outwards via a trowel or a straightener. Forceful pressing on of the system parts guarantees all-over adhesion.

c) *Sealing of pipe, drain and built-in parts penetrations*

Penetrations and built-in parts are sealed in that they are fully adhered to the substrate and the penetrations/built-in parts of the associated floor and wall sleeves (Sealing Sleeve DZ 35 or DZ 70 or another size in this model range). Only floor drains with adhesive or loose and fixed flange are to be used.

d) *Producing the surface sealing:*

The stirred mass is to be applied to the substrate in two independent steps. This is preferably carried out via filling, rolling or painting. The respective application must be without defects and of even thickness. The coating must be dried accordingly between the individual applications. Clean the tool with water after use. A drying time of approx. 12 hours is required before laying tiles and panels.

At least two layers are required for the processing of Murexin 1 KS Liquid Film, each of which must provide full coverage. The finished coating must have the required minimum layer thickness at all points. When newly

applied, the minimum layer thickness may not fall below approx. 0.8 mm to ensure a minimum dry layer thickness of 0.5 mm.

For a dry layer thickness of 0.5 mm, expect to use approx. 0.8 kg/m² Murexin 1 KS Liquid Film. The usage quantity can deviate from this depending on the substrate. Process enough material so that a dry layer thickness of 0.5 mm is not fallen short of.

Note:

If processing outside the ideal temperature and/or humidity range the material properties could change markedly.

Already mixed material that is beginning to harden may not be diluted further or mixed with fresh material!

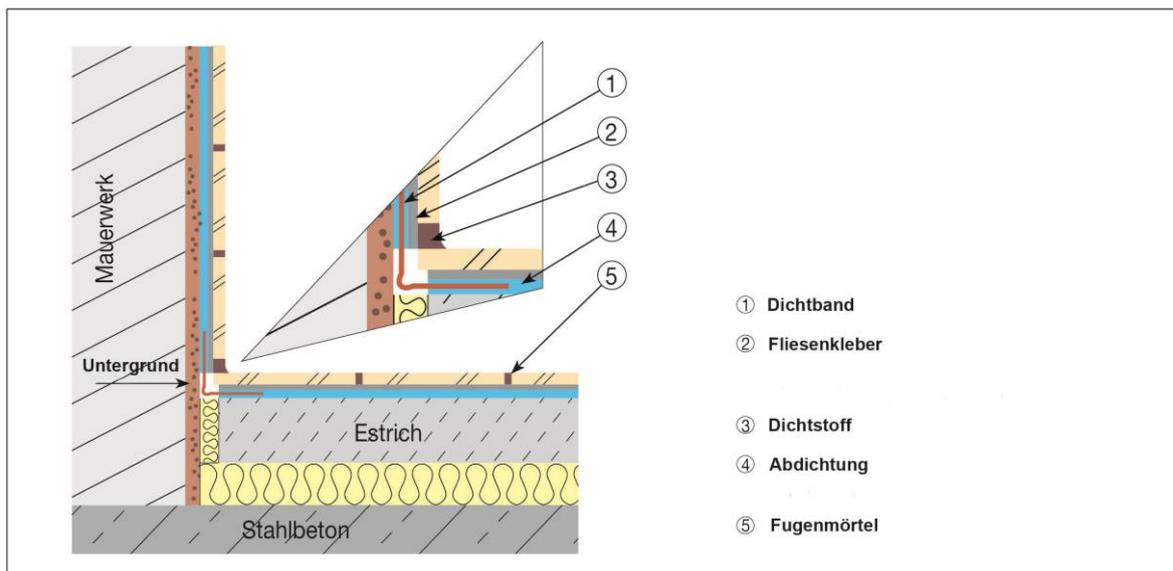
After completing work, the whole sealed area is to be checked for imperfections or damage. Unsealed or unclean areas are to be reworked appropriately, so that a sufficient seal is ensured in the whole area.

The layer thickness can only be determined via the usage during processing. Exact proof can only be obtained via sampling after drying. The resulting impurities must be closed again and an intact seal must be restored.

Sealing tapes and system parts must be processed carefully when using new sharp tools. Damage of the sealing components caused by such tools may not lead to leaks!

The processing recommendation and the technical datasheet of the manufacturer is to be followed without exception, otherwise the warranty is void.

Graphical representation of the floor-wall connection:



Graphical representation of pipe opening:

