

Schlüter®-KERDI-FIX

Installation adhesive
for connections and abutting joints

8.3

Product data sheet

Application and function

Schlüter-KERDI-FIX is an MS polymer based elastic adhesive.

It is suitable for creating sealed connections between the bonded waterproofing membrane Schlüter-KERDI and other structural components such as balcony and terrace doors, window elements, sheet metal covers or Schlüter-BARA edge profiles. KERDI-FIX is also ideal for adhering Schlüter-KERDI-BOARD panels to one another or to structural components. In addition, KERDI-FIX can be used for adhering a wide range of other materials.

Material

Schlüter-KERDI-FIX is a single-component waterproofing and adhesive compound based on silane-modified polymers.

The material is not classified as hazardous and may be disposed under the waste code 080499.

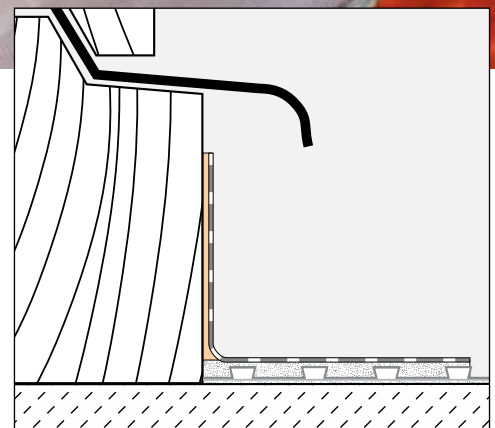
Material properties and areas of application:

Schlüter-KERDI-FIX is odour-neutral as well as UV and weather resistant and is therefore especially suitable for use in outdoor areas. The adhesive is elastic, free of solvents, and bonds well with most materials such as wood, stone, concrete, metal, glass, and many synthetic materials. Schlüter-KERDI-FIX can be used as an adhesive and a sealant and is suitable for connection and expansion joints (not approved for exposed joints in underwater areas).



Schlüter-KERDI-FIX can be painted over with most alkyd resins or dispersion paint types.

In special cases, the suitability of the material must be verified based on the anticipated chemical, mechanical, and/or other stresses.





Installation

The application area must be weight-bearing and sufficiently solid. The surface where the adhesive is to be applied must be suitable for adhesives and bonding, solid and free of loose debris. Materials must not include any volatile components that may interfere with the bond later. If applicable, conduct your own testing on site to verify suitability.

Schlüter-KERDI-FIX as an installation adhesive:

Apply Schlüter-KERDI-FIX as a line or spot. For complete curing on non-absorbent or extremely dry materials, KERDI-FIX can be moistened with water. Fit together the components to be adhered during the skin-forming time; spraying KERDI-FIX with water significantly shortens the skin-forming time. If necessary, secure the work pieces in an undisturbed location until the adhesive has fully cured.

Schlüter-KERDI-FIX for waterproofing:

To adhere Schlüter-KERDI or Schlüter-KERDI system components, apply KERDI-FIX on the substrate and evenly spread it with a finely notched trowel. Fully embed the materials to be adhered as quickly as possible, avoiding all cavities.

We recommend drawing the smooth side of the notched trowel over the KERDI membrane or using a suitable pressure roller for adhering the KERDI material. Make sure there are no air bubbles.

KERDI-FIX as an exposed joint:

Properly cover all edges, e.g. with masking tape, prior to applying KERDI-FIX to joints. The tape may not reach into the joint. To avoid three-point adhesion, press a backfill line with a suitable diameter into the joints. Fill the joint with Schlüter-KERDI-FIX without leaving any cavities. Remove any excess material with a trowel. Then remove the adhesive tape and smooth the joint with the help of water or a suitable smoothing agent.

Note: Exposed joints require maintenance.

Notes

Storage

Unopened containers of Schlüter-KERDI-FIX can be stored for up to 18 months in cool conditions above freezing. Once opened, the cartridges have a shorter shelf life.





Consumption values for Schlüter®-KERDI-FIX:

• 5 cm connection to upright structural components:

Consumption/m	approx. = 45 g
Yield	= 10 m

Schlüter®-KERDI-FIX

G = grey, BW = brilliant white

Colour	G	BW
Cartridge 290 ml	•	•

Product overview

Technical specifications:

Colour	grey / brilliant white
Basic raw material	Silyl-modified polymer (SMP)
Curing system	Moisture cure
Density	approx. 1.5 g/ml
Solvent content	0%
Isocyanate content	0%
Dry materials content	approx. 100 %
Shear strength beech wood/beech wood	approx. 3 N/mm ²
Shear strength aluminium/aluminium	approx. 2 N/mm ²
Elongation at failure	approx. 200%
Skinning	about 10 minutes
Full curing (+23 °C/50% res. m.)	3 mm/24 hours
Permissible total movement	approx. 20%
Processing temperatures	don't use at temperatures below +5 °C
Temperature resistance	-40 °C to +110 °C
Moisture resistance	very good
Frost resistance	not sensitive to frost after curing
Cartridge	420 g (290 ml)

Open time and curing depend on temperature, humidity and substrate moisture.

