

## Schlüter®-KERDI-CID

### Waterproofing system

for creating a capillary break around door thresholds

# 8.11

Product data sheet

### Application and function

**Schlüter-KERDI-CID** is a multi-component waterproofing system for creating a standard-compliant capillary break in waterproofing assemblies around door thresholds in conjunction with ceramic tiles or natural stone.

The sets include the stainless steel profile Schlüter-SCHIENE-E with a pre-adhered polyethylene sealing band and prefabricated Schlüter-KERDI-KERECK corner pieces to match the relevant installation situation or door opening configuration.

The correct installation of KERDI-CID creates a capillary break that prevents water from spreading below floor coverings that adjoin the tiles.

Schlüter-KERDI-CID was developed as a connection seal for tile and natural stone coverings and has been tested in combination with Schlüter waterproofing systems according to the principles of German general technical approval (abP). The product is included as a system component in the approval certificates for Schlüter-KERDI 200, -DITRA, -DITRA-HEAT/-DUO and -KERDI-BOARD. KERDI-CID therefore meets the requirements of DIN 18534.

### Material

The profiles are made of roll formed stainless steel V4A (material no. 1.4404 = AISI 316L). The anchoring leg without perforations serves as a bonding flange that features a pre-adhered sealing band made of soft polyethylene with a special fleece fabric laminated on both sides.

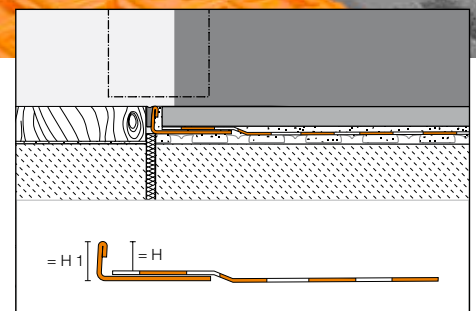


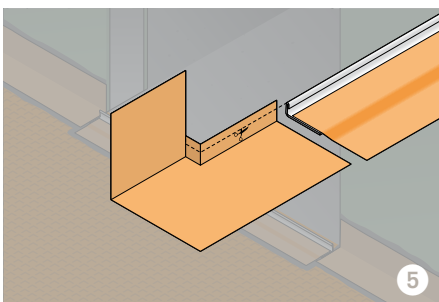
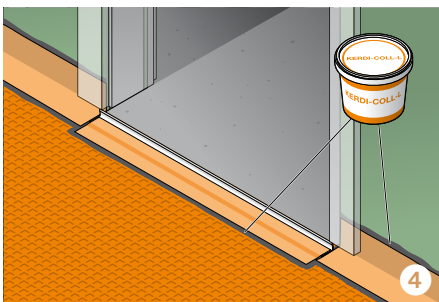
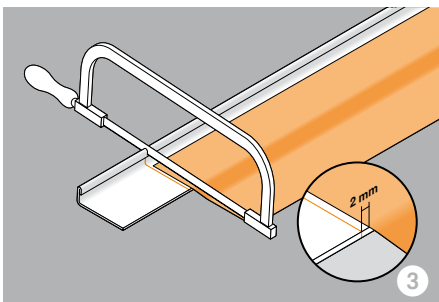
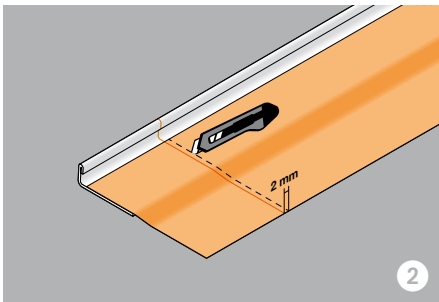
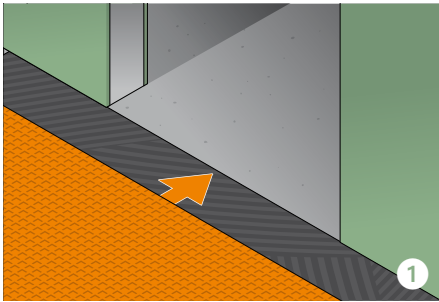
### Material properties and areas of application

KERDI-CID is waterproof and resistant to any chemical stresses that typically occur in conjunction with tiled coverings. The KERDI-CID polyethylene sealing band is resistant to ageing, does not rot and is characterised by its elasticity.

Resistance to chemical stresses beyond standard domestic cleaning agents should be verified separately.

Even stainless steel of quality 1.4404 is not resistant to all chemical stresses. Substances such as hydrochloric or hydrofluoric acid or certain chloride and brine concentrations may cause damage. The anticipated chemical stresses should therefore be verified in advance.

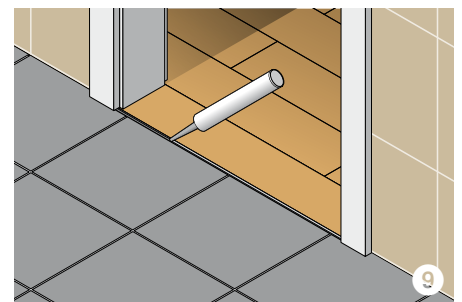
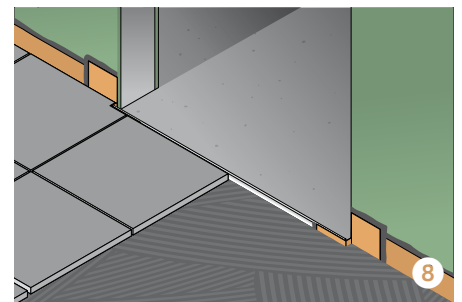
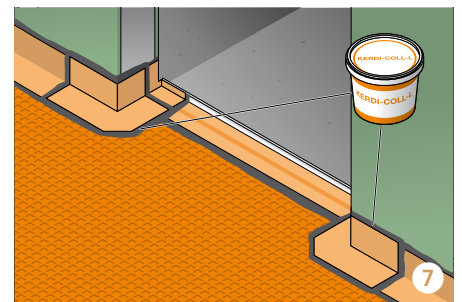
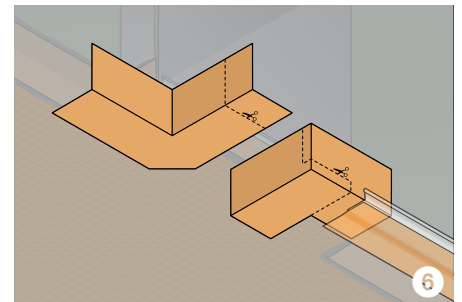




### Installation

1. The substrate must be properly water-proofed in advance, using a suitable bonded waterproofing system of Schlüter. Any required levelling work, e.g. a threshold in the door transition area, must be installed prior to water-proofing.
  2. Select the profile height (H = inside height above the sealing band) according to the tile thickness and the installation method.
  3. Cut the profile to the desired length. It is best to make an incision in the sealing band with a sharp utility knife approx. 2 mm from the actual cutting edge and to then cut the profile to size with an angle grinder or a handsaw.
  4. Apply Schlüter-KERDI-COLL-L on the waterproofing surface in the place where the capillary break is to be installed. Fully embed the profile and the sealing band in the fresh sealing adhesive and align them.
  5. Use the prefabricated KERDI corners to create connections to adjoining structural elements. Cut the corners to match the profile height before applying adhesive.
  6. The corners can be fully embedded on the waterproofing assembly and on the stainless steel profile with either KERDI-COLL-L or KERDI-FIX.
  7. The covering can be installed as soon as the bonded waterproofing assembly is tightly sealed at all overlaps, corners and joints. No curing time is required.
  8. To install the tiles, apply dry setting thin-bed tile adhesive directly on the waterproofing membrane. Embed the adjoining tiles as much as possible and align them in such a way that the upper lip of the profile is flush with the tile.
- Note: The profile may slightly protrude or be recessed in the wall area to offset dimensional variations in the covering material. The profile should not protrude over the surface of the covering; preferably, it should be approx. 1 mm below the top level of the covering.
9. Leave a joint of approx. 1.5 mm between the adjoining tile and the profile.

10. Completely fill the space between the tile and the profile with grout.
11. Completely fill the space between the profile and the adjoining floor covering with an elastic filler compound.

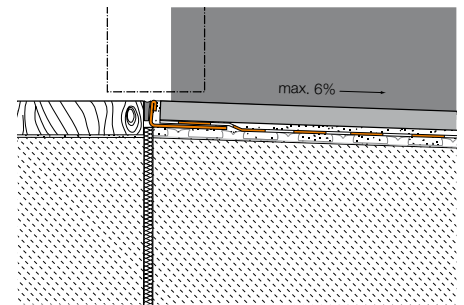


Pre-fabricated corner pieces set 1

**Note:**

Stainless steel surfaces exposed to the environment or aggressive substances should be cleaned periodically using a mild household cleaner. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion. All cleaning agents must be free of hydrochloric and hydrofluoric acid. Avoid the contact with other metals, such as regular steel, to prevent corrosion. This also includes tools such as trowels or steel wool, i.e. tools used to remove mortar residue.

We recommend the use of the stainless steel cleaning polish Schlüter-CLEAN-CP.



Schlüter-KERDI-CID with sloped covering (slope not to exceed 6%)

**Text template for tenders:**

\_\_\_\_\_m<sup>2</sup> Schlüter-KERDI-CID as a waterproofing system comprising a stainless steel profile with pre-adhered polypropylene sealing band and the matching corner pieces, to be supplied and installed according to the manufacturer's instructions for creating a capillary break.

Further accessories ...

are to be included in the unit prices

are to be invoiced separately

Art.-No.: \_\_\_\_\_

Material: \_\_\_\_\_ £/set (m)

Labour: \_\_\_\_\_ £/set (m)

Total: \_\_\_\_\_ £/set (m)



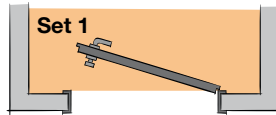
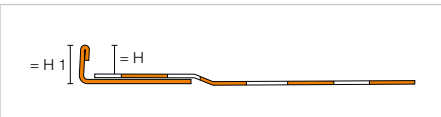
## Product overview

### Schlüter-KERDI-CID

#### Set 1

- Schlüter-SCHIENE-E V4A with polyethylene sealing band, length: 1.15 mm
- 2 KERDI-KERECK-SD corners (right and left)

H (mm)	H1 (mm)	Set 1
10	12	•
12	14	•
14	16	•



Installation configuration with Schlüter-KERDI-CID Set 1

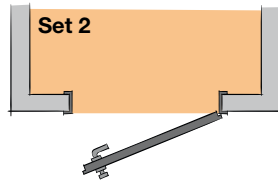
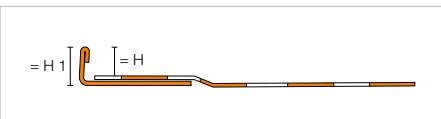


Set 1

#### Set 2

- Schlüter-SCHIENE-E V4A with polyethylene sealing band, length: 1.15 mm
- 2 x 2 KERDI-KERECK corners (external/internal corner)

H (mm)	H1 (mm)	Set 2
10	12	•
12	14	•
14	16	•



Installation configuration with Schlüter-KERDI-CID Set 2



Set 2