Product Overview
Innovative installation systems for tile and stone
Overview

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Our Mission

Since the early 1970s, Schluter®-Systems’ exclusive purpose has been to develop innovative solutions for tile and stone installations. Our products combine state-of-the-art technology and attention to detail for permanently functional and visually appealing results.

We are committed to education and training in industry-approved ceramic tile and natural stone installation methods.

- Registered Continuing Education provider for AIA/CES
- Qualified technical support both in-house and in the field
- Nationwide on-site seminars and training sessions

We provide extensive support in-house and in the field. Call us directly at 800-472-4588 (US) or 800-667-8746 (Canada) to speak to one of our knowledgeable Customer Support Representatives.

You can also visit our website at www.schluter.com to refer to our product information, installation instructions, step-by-step videos, product data sheets and specification guides, CAD drawings and so much more.
Floor Profiles

Schluter®-Systems floor profiles protect tile edges, create clean transitions to adjacent flooring materials, and provide decorative accents within the tile covering. Schluter® floor profiles, which are available in a variety of shapes, sizes, materials, and finishes, accommodate same-height transitions as well as those between floor coverings of different heights.

SAME-HEIGHT TRANSITIONS

Schluter®-SCHIENE
- Simple L-shape

Schluter®-DECO
- Decorative reveal

Schluter®-RENO-T
- Ideal for retrofits

Schluter®-SCHIENE-RADIUS
- Designed for curved tile coverings

SLOPED TRANSITIONS

Schluter®-RENO-TK
- Tile to carpet

Schluter®-RENO-U
- Tile to VCT or finished concrete

Schluter®-RENO-V
- Adjustable to various heights

Schluter®-RENO-RAMP
- Creates easy access for wheel carts
Stair-nosing Profiles

Schluter®-Systems stair-nosing profiles protect tile edges from chipping and breaking, and also improve safety on tiled stairways by providing a slip-resistant surface and increased visibility in residential and commercial applications.

COVER THE SUB-ASSEMBLY

**Schluter®-RONDEC-STEP**
- Features a rounded edge
- Corners available

**Schluter®-SCHIENE-STEP**
- Features a ribbed front face

**Schluter®-SCHIENE-STEP-EB**
- Ideal for heavy foot traffic
- Accessories available

**Schluter®-TREP-FL**
- Creates a subtle decorative accent
- End caps available

CREATE SLIP-RESISTANT TREADS

**Schluter®-TREP-S/-SE/-B**
- Ideal for heavy foot traffic
- Replaceable tread surface
- End caps available

**Schluter®-TREP-G/-GK**
- Ideal for heavy foot traffic
- Replaceable tread surface
- Also available in retrofit version
- End caps available

**Schluter®-TREP-E/-EK**
- Ideal for heavy foot traffic
- Also available in retrofit version
- End caps available
Ceramic and stone tiles need finishing and edge protection at outside corners. Often, however, ceramic trim pieces do not match the color of the field tile or are altogether unavailable. Schluter®-Systems profiles come in a variety of materials, colors and finishes to protect outside corners and to create a clean look on walls and countertops. Choose straight-edge, rounded-edge, or square-edge finishing and edge protection.
MOLDING PROFILES

Schluter®-DESIGNBASE

Attractive alternative to baseboards
Corners available

DECORATIVE BORDERS

Schluter®-QUADEC-FS

Simplifies installation of mosaic inserts
Corners available

Schluter®-DESIGNLINE

Sleek decorative accent

Schluter®-DECO-SG

Shadow gap

Schluter®-RONDEC-DB

Pronounced visible surface

COUNTERTOP PROFILES

Schluter®-SCHIENE-STEP-EB

Covers the sub-assembly
Corners available

Schluter®-RONDEC-STEP

Anodized aluminum facing
Corners available

Schluter®-RONDEC-CT

Customize with tile insert
Corners available

HEAVY-DUTY CORNERS

Schluter®-ECK-E/-K

Outside corners
90° or 135° available

Schluter®-ECK-KI/-KH

Retrofit inside corners
Corners available for -KHK
Schluter®-Countertop System

1. Schluter®-KERDI-BOARD consists of an extruded polystyrene foam panel with a special reinforcement material on both sides and fleece webbing for effective anchoring to thin-set mortar. KERDI-BOARD is dimensionally stable and waterproof and can be adhered directly to base cabinets, thus eliminating the need for labor-intensive preparation. Panels and openings are easily cut with a utility knife.

2. Schluter®-KERDI-BAND is a waterproofing strip used to seal countertop/backsplash transitions.

3. Schluter®-DILEX-AHK/-EHK/-HKW are cove-shaped profiles that eliminate caulk joints for maintenance-free countertop/backsplash transitions. The cove shape allows for easy cleaning and will not trap debris, making the profiles ideal for areas where food products are handled and strict hygiene is essential. Matching inside and outside corners, connectors, and end caps are available. Schluter®-DILEX-EKE can be used as an alternative to the cove-shaped profiles listed above.

4. Schluter®-RONDEC-CT is a sink rail profile for countertops that have been fitted with a ceramic or stone tile covering. The face of the profile features a recessed section with dovetailed grooves to which field or accent tile is bonded, thus eliminating the need for ceramic trim. Matching inside and outside corners (90° and 135°) are available. Schluter®-RONDEC-STEP can be used as an alternative to Schluter®-RONDEC-CT.

5. Schluter®-RONDEC is a finishing and edge-protection profile which can be used to produce tiled-under sinks and to finish the edge of a backsplash. A tiled-under sink and tiled backsplash create a neat appearance and make the countertop easy to clean since there is no lip to trap debris. Matching corners are available including special sink corners.
ACCESSORIES

Schluter®-Systems offers a vast selection of matching accessories to help ensure clean and precise profile installations, such as corners, connectors, and end caps. All anodized aluminum accessories are milled out of solid aluminum, then surface-treated (polished, brushed, etc.) and anodized to ensure durability as well as superior finish and color match.
An installed ceramic tile floor is rigid by nature and similar in physical characteristics to a large sheet of glass. This is particularly true with today’s large-format tiles and narrow joint design. Movement joints must be incorporated within large surfaces, at doorsills, and at transitions to walls and other restraining structures to allow for movement and thus reduce stress buildup that could otherwise cause cracking and loosening of the tile covering.

**SURFACE & EXPANSION JOINT PROFILES**

- **Schluter®-DILEX-BWS/BWB**: Mimics a grout joint
  - 3/16” or 3/8” movement zone

- **Schluter®-DILEX-KSN**: Replaceable movement zone

- **Schluter®-DILEX-EDP**: Stainless steel mechanical joint

- **Schluter®-DILEX-BT**: Absorbs 3-dimensional movement

**PERIMETER JOINT PROFILES**

- **Schluter®-DILEX-AS**: Flexible joining leg with self-adhesive tape
  - Suitable for tiles 3/16” to 3/8” thick
  - Accessories available

- **Schluter®-DILEX-KSA**: Replaceable movement zone

- **Schluter®-DILEX-BWA**: Mimics a grout joint
Cove-shaped Profiles

Ceramic cove base represents a neat, hygienic method for treating transitions by providing a curved surface that prevents the collection of dirt and is easy to clean. However, the limited availability of ceramic trim pieces has resulted in the use of sealant and caulk to treat such transitions. These joints must be continually maintained throughout the life of the installation. DILEX cove-shaped profiles provide an attractive, clean, and maintenance-free alternative for inside wall corners and floor/wall (including countertop/backsplash) transitions. They also allow the use of any tile line, regardless of the availability of trim pieces.

COVE-SHAPED PROFILES

**Schluter®-DILEX-EKE**
Mimics a grout joint

**Schluter®-DILEX-AHK**
Anodized aluminum with single anchoring leg
Accessories available
Radius = 3/8" (10 mm)

**Schluter®-DILEX-PHK**
PVC with single anchoring leg
Accessories available
Radius = 3/8" (10 mm)

**Schluter®-DILEX-AHKA**
Ideal for transitions to previously finished surfaces
Accessories available
Radius = 3/8" (10 mm)

**Schluter®-DILEX-EKE**

**Schluter®-DILEX-HKU**
Stainless steel with single anchoring leg
Accessories available
Radius = 3/8" or 1-7/16" (10 or 36 mm)

**Schluter®-DILEX-EHK**
Stainless steel with double anchoring legs
Accessories available
Radius = 23/32" (18.5 mm)

**Schluter®-DILEX-HKW**
PVC with double anchoring legs
Accessories available
Radius = 11/16" (18 mm)

**Schluter®-DILEX-HKS**
Stainless steel with movement zone
Accessories available
Radius = 23/32" (18.5 mm)
KERDI-BOARD is a multifunctional tile substrate and building panel, which can also be used for creating bonded waterproofing assemblies with tile coverings. It consists of an extruded polystyrene foam panel, with a special reinforcement material on both sides and fleece webbing for effective anchoring in thin-set mortar.

### Panels

<table>
<thead>
<tr>
<th>Panels</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schluter®-KERDI-BOARD</td>
<td>Available panel thicknesses:</td>
</tr>
<tr>
<td>3/16&quot;</td>
<td>5 mm</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>9 mm</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>12.5 mm</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>15 mm</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>19 mm</td>
</tr>
<tr>
<td>1&quot;</td>
<td>25 mm</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>38 mm</td>
</tr>
<tr>
<td>2&quot;</td>
<td>50 mm</td>
</tr>
</tbody>
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### Speciality Panels

- **Schluter®-KERDI-BOARD-V**: Curved surfaces
- **Schluter®-KERDI-BOARD-E**: Ideal for pipe or column coverings
- **Schluter®-KERDI-BOARD-U**: Ideal for pipe or column coverings

### Kerdi-Board Profiles

- **Schluter®-KERDI-BOARD-ZC**: Ideal for finishing countertops & vanities
- **Schluter®-KERDI-BOARD-ZA**: Ideal for finishing partition walls & shelves
- **Schluter®-KERDI-BOARD-ZB**: Ideal for fastening and stabilizing partition walls
Ceramic and stone tiles are durable, easy to maintain, and hygienic, representing the ideal surface coverings. However, today’s lightweight construction methods can make the installation of hard surface coverings particularly challenging. In order to protect the integrity of the tile assembly, an underlayment that performs multiple functions is required.

**Uncoupling**
Accommodates movement stresses to prevent cracked tile and grout

**Waterproofing**
Protects moisture sensitive substrate materials such as plywood and OSB

**Vapor Management**
Protects tile covering from damage due to excess substrate moisture

**Support / Load Distribution**
Advantages of uncoupling achieved while maintaining support for the tile covering

**UNCOUPLING MEMBRANES**

<table>
<thead>
<tr>
<th>Schluter®-DITRA</th>
<th>Schluter®-DITRA-XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8” (3 mm) -thick</td>
<td>5/16” (7 mm) -thick</td>
</tr>
</tbody>
</table>

Schluter®-DITRA Installation Handbook available at schluter.com
DITRA-HEAT is the only electric floor warming system that directly incorporates uncoupling technology to ensure that floors aren’t susceptible to cracked tiles and grout. Cables can be placed wherever heat is desired for customized heating zones, and no leveling compounds are required, which makes for a quick and easy installation. With the proven technology of our DITRA uncoupling membrane incorporated in the design, DITRA-HEAT provides the ideal solution for bringing comfort and floor warming to any tiled floor.

**ELECTRIC FLOOR WARMING SYSTEM**

- Schluter®-DITRA-HEAT
  - Uncoupling membrane for heated floors
  - 1/4" (5.5 mm) thick, rolls or sheets available

- Schluter®-DITRA-HEAT-TB
  - Uncoupling membrane with thermal break
  - 5/16" (8 mm) thick, rolls or sheets available

- Schluter®-DITRA-HEAT-E-HK
  - Heating cable
  - 120 V or 240 V

- Schluter®-DITRA-HEAT-E-KIT
  - Complete kit with membrane, heating cable, and thermostat

- Schluter®-DITRA-HEAT-E-RT
  - Programmable touchscreen thermostat

- Schluter®-DITRA-HEAT-E-RSD
  - Programmable thermostat

- Schluter®-DITRA-HEAT-E-R
  - Non-programmable thermostat

- Schluter®-DITRA-HEAT-E-RR
  - Power module
Schluter®-Systems provides an integrated family of products in which the individual components collectively form a bonded watertight assembly. The Schluter®-Shower System, which eliminates the risk of failures due to water and vapor penetration, dramatically reduces total installation time and is maintenance-free.

**WATERPROOFING**

**Schluter®-KERDI**
Waterproofing membrane

**Schluter®-KERDI-BAND**
Waterproofing band

**Schluter®-KERDI-KERECK-F**
Inside and outside corner seals

**Schluter®-KERDI-SEAL**
Pipe and mixing valve seals

**DRAINAGE**

**Schluter®-KERDI-DRAIN**
Floor drain with square grate
Various grate finishes available

**Schluter®-KERDI-LINE**
Elegant linear drain
Three grate designs available

**Schluter®-KERDI-DRAIN Adaptor Kits**
Allows for easy conversion of an existing clamping ring drain to a KERDI-DRAIN with integrated bonding flange
PREFABRICATED SUBSTRATES

Schluter®-KERDI-SHOWER-ST  
Sloped shower trays

Schluter®-KERDI-SHOWER-SR  
Ramp

Schluter®-KERDI-BOARD-SC  
Curb

Schluter®-KERDI-BOARD-SB  
Benches

Schluter®-KERDI-BOARD-SN  
Niches

Schluter®-KERDI-SHOWER-L/-LS  
KERDI-LINE sloped shower trays with integrated waterproofing  
Center and perimeter drain placement options available

Schluter®-KERDI-SHOWER-KIT  
All the components required to create a maintenance-free, watertight shower assembly without a mortar bed

**KERDI-DRAIN grate options**

- Tileable covering support
- Stainless steel
- Oil-rubbed bronze stainless steel
- Brushed nickel anodized aluminum
- Brushed copper anodized aluminum
- Brushed brass anodized aluminum

**KERDI-LINE grate options**

- Closed design
- Perforated
- Frameless tileable covering support
Schluter®-Shower System

with KERDI-DRAIN

1. Schluter®-KERDI-SHOWER-ST prefabricated shower tray
2. Schluter®-KERDI-BOARD-SC prefabricated curb
3. Schluter®-KERDI-DRAIN floor drain assembly
4. a Schluter®-KERDI pliable sheet-applied polyethylene waterproofing membrane and vapor retarder
   or
   b Schluter®-KERDI-BOARD waterproof multifunctional tile substrate and building panel
5. Schluter®-KERDI-BAND waterproofing strip to seal joints and floor/wall connections
6. Schluter®-KERDI-KERECK-F preformed, seamless, inside and outside corners
7. Schluter®-KERDI-SEAL-PS/-MV prefabricated pipe and mixing valve seals
8. Schluter®-DILEX cove-shaped profiles for inside wall corners and floor/wall transitions

with KERDI-LINE

1. Schluter®-KERDI-SHOWER-LS prefabricated sloped shower tray
2. Schluter®-KERDI-BOARD-SC prefabricated curb
3. Schluter®-KERDI-LINE low profile linear floor drain
4. a Schluter®-KERDI pliable sheet-applied polyethylene waterproofing membrane and vapor retarder
   or
   b Schluter®-KERDI-BOARD waterproof multifunctional tile substrate and building panel
5. Schluter®-KERDI-BAND waterproofing strip to seal joints and floor/wall connections
6. Schluter®-KERDI-KERECK-F preformed, seamless, inside and outside corners
7. Schluter®-KERDI-SEAL-PS/-MV prefabricated pipe and mixing valve seals
8. Schluter®-DILEX cove-shaped profiles for inside wall corners and floor/wall transitions
Schluter®-BEKOTEC is a lightweight modular screed system, which produces permanent flooring assemblies that are free from internal stresses and which can be installed with or without hydronic radiant heating tubes. The BEKOTEC modular screed system allows the installation of continuous screed surfaces without any control joints or reinforcing wire.

**MODULAR SCREED SYSTEMS**

- **Schluter®-BEKOTEC**: Solid EPS foam panels provide integrated thermal insulation.
- **Schluter®-BEKOTEC-F**: Polystyrene foil panels for lower profile.
- **Schluter®-BEKOTEC-DRAIN**: Perforated polystyrene foil panels with integrated channels for drainage in exterior applications.