

Product Overview

Innovative installation systems for tile and stone



PROFILE OF INNOVATION



Overview



- 3 Our Mission
- 4 Floor Profiles
- 5 Stair-nosing Profiles
- 6 Wall & Countertop Profiles
- 9 Accessories
- 10 Movement Joint Profiles
- 11 Cove-shaped Profiles
- 12 Uncoupling Membranes
- 13 Electric Floor Warming System
- 14 Shower System
- 17 Building Panels
- 18 Modular Screed System
- 19 Setting Materials

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

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



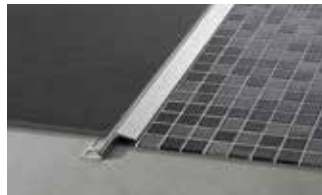
Tile to carpet

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



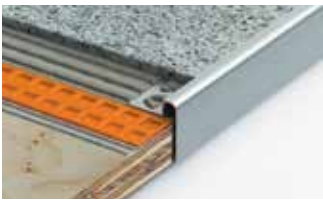
Stair-nosing Profiles



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
End caps available

Schluter®-TREP-E/-EK



Ideal for heavy foot traffic
End caps available

Schluter®-TREP-EFK



Ideal for heavy foot traffic



Wall & Countertop Profiles



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.

TILE EDGES AND OUTSIDE WALL CORNERS

Schluter®-JOLLY



Straight edge

Schluter®-RONDEC



Round edge
Corners available

Schluter®-QUADEC



Square edge
Corners available

Schluter®-INDEC



Square recessed groove
Corners available

Schluter®-DECO-DE



135° corners

Schluter®-SCHIENE-STEP-EB



Tile-over-tile applications
Connectors available

Schluter®-DIADEC



Forms a 45° beveled edge
Outside corner available

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

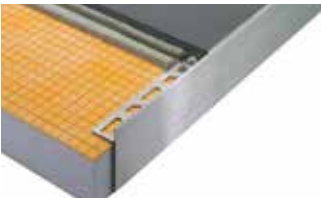
Schluter®-RONDEC-DB



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/-KHK



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.

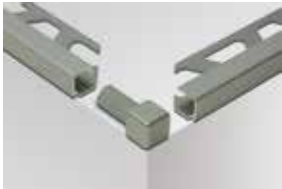
6 Schluter® Thin-set Mortars

are premium quality mortars, specifically formulated for use with Schluter® membranes and boards. Unmodified (Schluter SET™), modified (Schluter ALL-SET™), and rapid-setting (Schluter FAST-SET™) versions are available. All are sag-resistant, smooth and creamy, easy to handle and spread, and suitable for use with ceramic, porcelain, and stone tile, including large and heavy tile.



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.





© Atlas Concorde

Movement Joint Profiles



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.

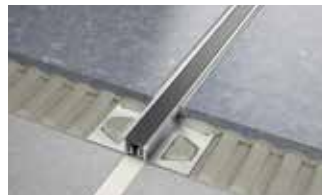
SURFACE & EXPANSION JOINT PROFILES

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



A 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-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)



© Hugo Sanchez

DITRA

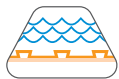


Ceramic and stone tiles are durable, easy to maintain, and hygienic, representing the ideal surface coverings. However, today's lightweight construction methods can make the installation of hard surface coverings particularly challenging. In order to protect the integrity of the tile assembly, an underlayment that performs multiple functions is required.



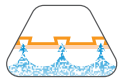
Uncoupling

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

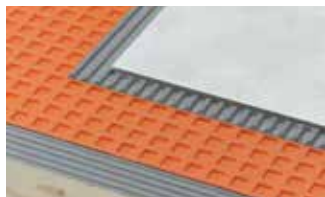


Support / Load Distribution

Advantages of uncoupling achieved while maintaining support for the tile covering

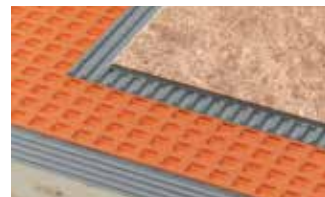
UNCOUPLING MEMBRANES

Schluter®-DITRA



1/8" (3 mm) -thick

Schluter®-DITRA-XL



5/16" (7 mm) -thick



Schluter®-DITRA Installation Handbook available at schluter.com



DITRA-HEAT



DITRA-HEAT and DITRA-HEAT-DUO are the only electric floor warming systems that directly incorporate 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 and DITRA-HEAT-DUO provide 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-DUO



Uncoupling membrane with sound control and 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



© Dobri Michnev

Shower System



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



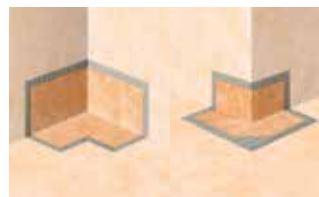
Waterproofing membrane

Schluter®-KERDI-BAND



Waterproofing band

Schluter®-KERDI-KERECK-F



Inside and outside corner seals

Schluter®-KERDI-SEAL



Pipe and mixing valve seals

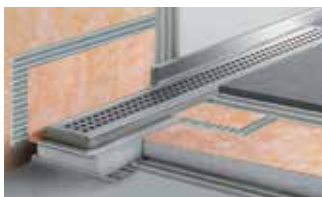
DRAINAGE

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

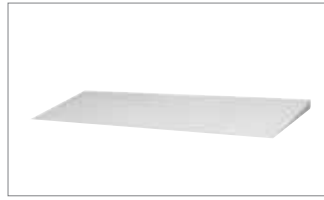
PREFABRICATED SUBSTRATES

Schluter®-KERDI-SHOWER-ST



Sloped shower trays
Pre-cut KERDI waterproofing membrane included

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

KIT

Schluter®-KERDI-SHOWER-KIT



All the components required to create a maintenance-free, water-tight shower assembly without a mortar bed

Schluter®-KERDI-TUBKIT



All the components required to create a fully waterproof and vapor tight bathtub surround assembly

KERDI-DRAIN grate options

Tileable covering support



Tileable

Anodized Aluminum



Brushed nickel



Brushed copper



Brushed brass

Stainless Steel



Oil-rubbed bronze



Stainless steel



Chrome

KERDI-LINE grate options

Brushed Stainless Steel



Closed design



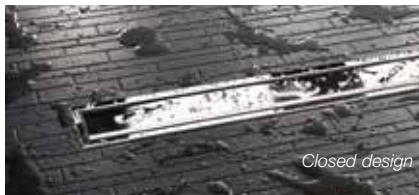
Perforated

Framless Tileable



Frameless tileable covering support

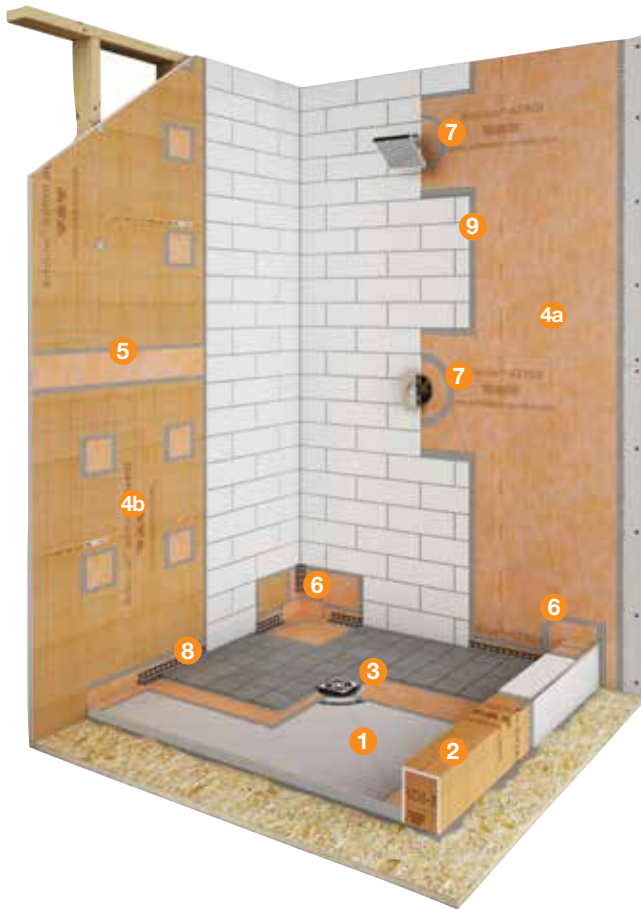
Chrome



Closed design



Perforated



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
 - 9 Schluter SET™, Schluter ALL-SET™,
Schluter FAST-SET™
or unmodified thin-set mortar

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
 - 9 Schluter SET™, Schluter ALL-SET™,
Schluter FAST-SET™
or unmodified thin-set mortar



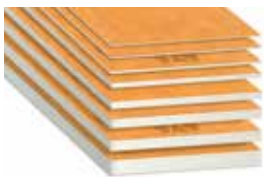
KERDI-BOARD



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

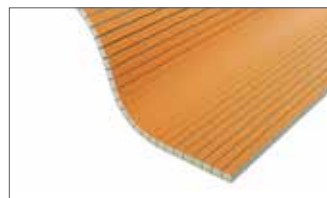
Schluter®-KERDI-BOARD



Available panel thicknesses	
3/16"	5 mm
3/8"	9 mm
1/2"	12.5 mm
5/8"	15 mm
3/4"	19 mm
1"	25 mm
1-1/2"	38 mm
2"	50 mm

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



© Atlas Concorde

Schluter®-BEKOTEC



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

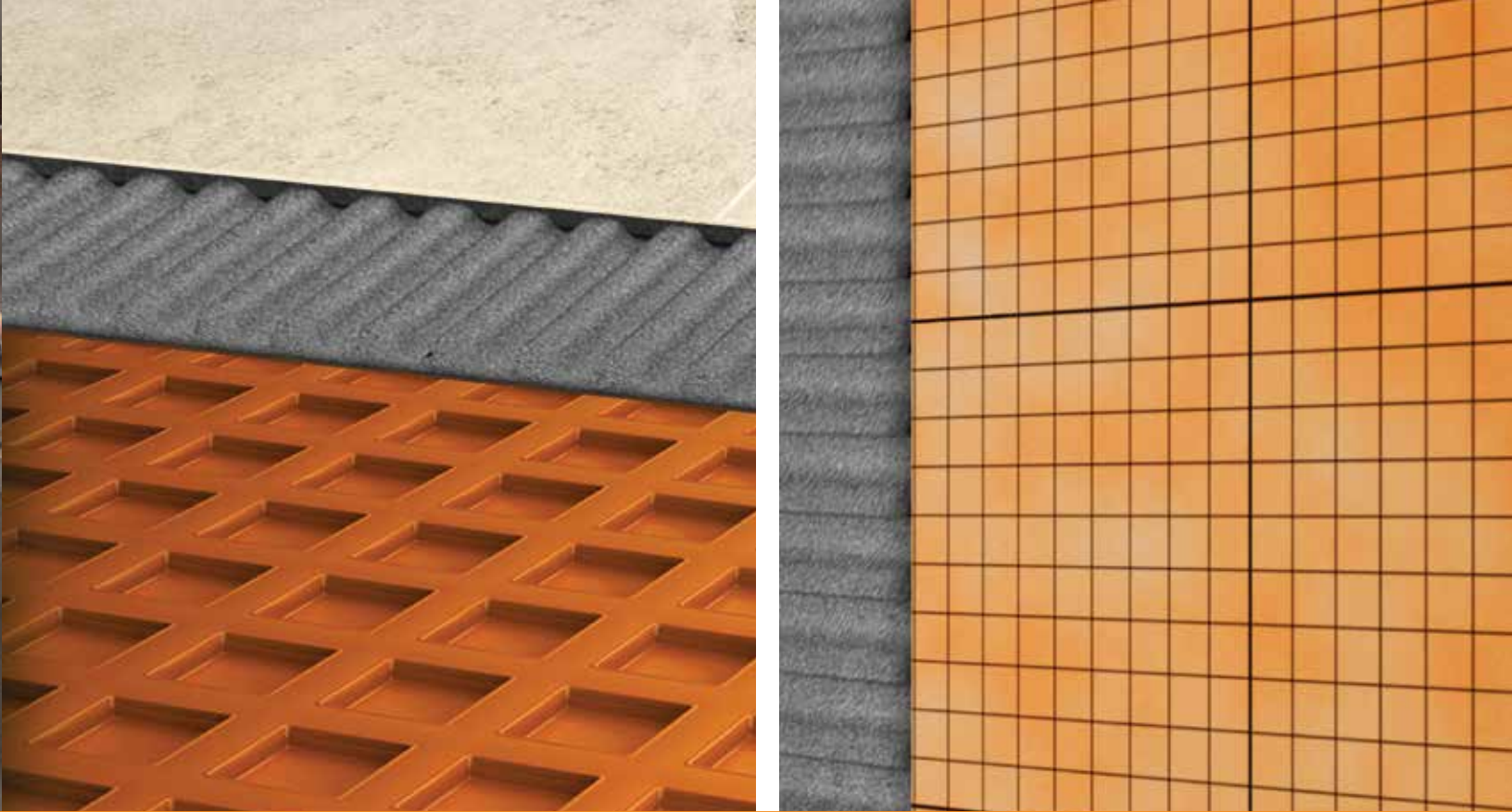


Polystyrene foil panels for lower profile

Schluter®-BEKOTEC-DRAIN



Perforated polystyrene foil panels with integrated channels for drainage in exterior applications



Setting Materials



The line of Schluter thin-set mortar is designed by Schluter, for Schluter products. Unmodified, modified, and rapid-setting versions are available. These premium quality mortars are sag-resistant, smooth and creamy, easy to handle and spread, and suitable for use with ceramic, porcelain, and stone tile, including large and heavy tile. All Schluter Systems' thin-set mortars, including the ALL-SET and FAST-SET modified varieties can be used to set tile over Schluter®-DITRA, DITRA-HEAT, KERDI, and KERDI-BOARD products.

THIN-SET MORTARS

Schluter **SET™**



Premium unmodified thin-set mortar
ANSI A118.1T

Schluter **ALL-SET™**



Specialized modified thin-set mortar
ANSI A118.4T, A118.11, and A118.15T

Schluter **FAST-SET™**



Specialized rapid-setting modified thin-set mortar
ANSI A118.4TF, A118.11, and A118.15TF



Schluter Systems L.P. • 194 Pleasant Ridge Road, Plattsburgh, NY • 12901-5841 • Tel.: 800-267-1923 • Fax: 800-477-9783
Schluter Systems (Canada) Inc. • 21100 chemin Ste-Marie, Ste-Anne-de-Bellevue, QC H9X 3Y8 • Tel.: 800-667-8746 • Fax: 877-667-2410

www.schluter.com