

Schluter®-Shower System

Complete waterproofing system for tiled showers

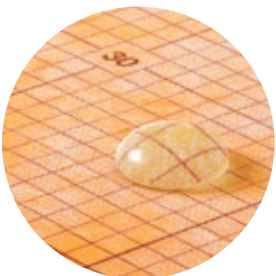


Tile: The Perfect Choice for the Bathroom

Tile is not only timeless and beautiful, it's also durable, hygienic, and easy to clean making it ideal for wet areas.



© Hugo Sanchez



The Importance of Moisture Management

To ensure the lasting beauty of your new bathroom and protect your investment, a complete waterproofing system is essential.

Tile and grout are not designed to waterproof, therefore the need for a waterproofing system becomes paramount. Moisture that penetrates these areas and collects in the wall cavities or floor structure is the primary cause of leaks and mold. In order to create a tiled shower that will last a lifetime, a waterproofing system is needed beneath the tile covering.

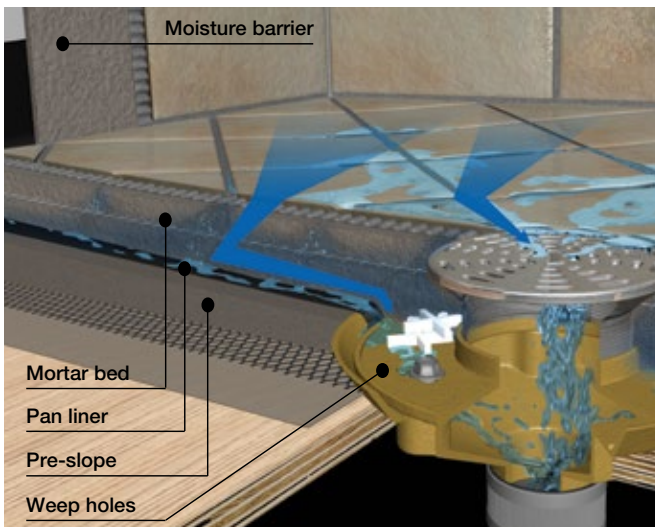


The Traditional Shower vs. the Schluter® Shower

Waterproofing is the foundation of a successful tiled bathroom. Moisture-sensitive construction materials such as wood framing, plywood or OSB sheathing, gypsum wallboard, etc. must be protected from water and vapor penetration. Wet areas increase the potential for mold growth if effective moisture management is not provided. The key to mold control is moisture control.

The Traditional System

Pan liner method



The traditional method for installing tiled showers is both time and labor intensive, requiring many steps to ensure success.

First, a mortar bed is sloped to the weep holes in the drain. The waterproofing membrane, called a pan liner, is placed over this “pre-slope” and clamped into the drain. The pan liner is carried over the curb and up the walls about 3 inches above the curb. A moisture barrier, such as tar paper or plastic sheeting, is placed on the walls and lapped over the pan liner.

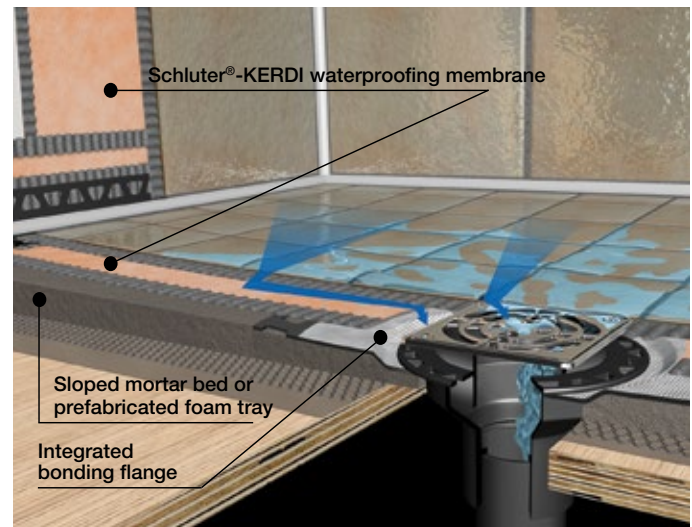
While this completes the waterproofing installation, additional prep work is required because the waterproofing materials used in this system do not allow for the direct application of tile. A mortar bed is placed over the pan liner, and the walls are covered with mortar or tile backerboard. These materials provide a support layer and bonding surface for the tile.

Contrary to popular belief, the tile covering itself is not waterproof. When the shower is in use, water and vapor will penetrate the mortar bed and tile backing on the walls. This moisture must seep through the mortar bed to the sloped pan liner and exit through the weep holes in the drain. In this way, the assembly can be described as a “water-in/water-out” system.

Mortar beds are a great option that require fine attention to detail. When even small details are overlooked, issues can quickly arise; water may accumulate with no way to escape which increases the potential for mold growth within the system.

Schluter®-Shower System

Bonded waterproofing



The Schluter®-Shower System is an integrated family of products that improves on the traditional system by simplifying tiled shower installations.

The process begins with the installation of solid backing panels (e.g., gypsum panels or tile backerboards) on the walls and either a sloped mortar bed or Schluter prefabricated shower tray on the floor. These materials provide the support for the waterproofing system and the tile.

Now the waterproofing application begins. The KERDI-DRAIN is installed on top of the mortar bed or the shower tray. Then the KERDI waterproofing membrane is bonded to the surfaces of the walls and base, including the KERDI-DRAIN. The KERDI-DRAIN features a large, integrated bonding flange that ensures a secure connection to the KERDI waterproofing membrane. Unlike the waterproofing materials used in the traditional system, tile can be set directly on the KERDI membrane using thin-set mortar.

This is what makes the Schluter®-Shower System unique. The waterproofing system is installed on top of the backing materials rather than below. This eliminates the potential for moisture to seep into the mortar bed or the tile backing on walls, and thus allows the tile covering to dry between uses. The integrated Schluter®-Shower System eliminates leaks, reduces the potential for efflorescence and mold growth in the system, and dramatically reduces total installation time to ensure success and make shower installation easier than ever.





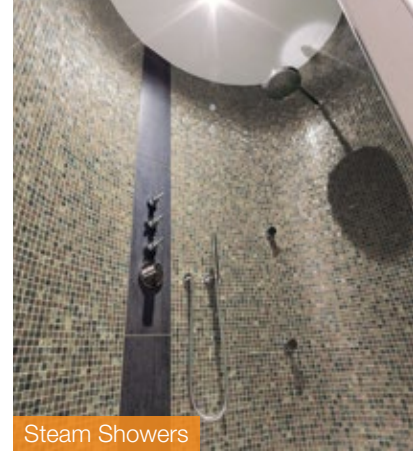
Showers



Curbless Showers

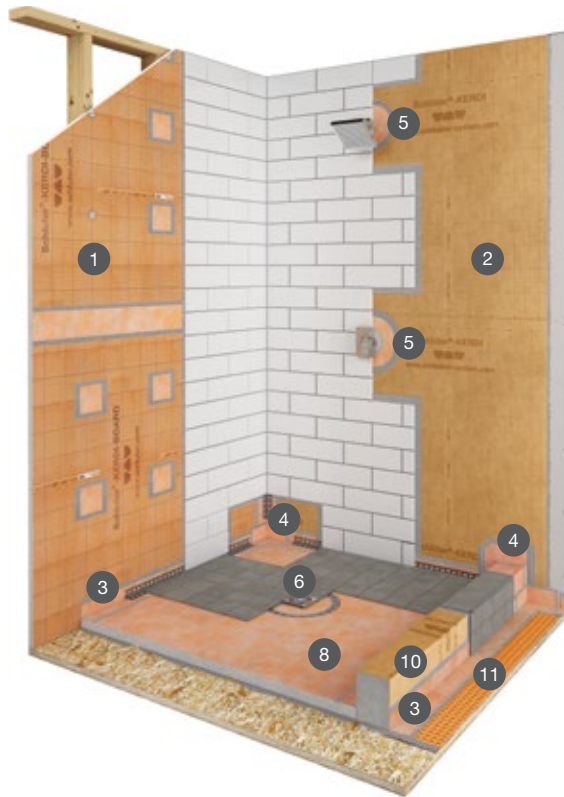


Bathtub Surrounds



Steam Showers

Typical Shower Application



- | | | | | | |
|---|--|---|--|----|--|
| 1 | KERDI-BOARD
Waterproof building panels | 5 | KERDI-SEAL
Pipe and mixing valve seals | 9 | KERDI-SHOWER-LT/-LTS
Prefabricated shower tray |
| 2 | KERDI
Waterproofing membrane | 6 | KERDI-DRAIN
Point drain | 10 | KERDI-BOARD-SC
Prefabricated shower curb |
| 3 | KERDI-BAND
Waterproofing strip | 7 | KERDI-LINE or KERDI-LINE-VARIO
Linear drain | 11 | DITRA
Uncoupling membrane
or
DITRA-HEAT
Electric floor warming and uncoupling membrane |
| 4 | KERDI-KERECK-F
Waterproofing corners | 8 | KERDI-SHOWER-T/-TS/-TT
Prefabricated shower tray | | |



Schluter® Thin-set Mortar
Made by Schluter, for Schluter products

*Applicable when used as a Thin-set System.
For full warranty details, please visit
www.schluter.com/warranty



Waterproofing

Schluter®-Systems offers two options for creating fully waterproof shower walls:



KERDI Shower

KERDI is a sheet-applied polyethylene waterproofing membrane and vapor retarder that is applied to the solid backing on the walls and the shower base.

- Prevents water and vapor penetration in wall cavities to prevent mold and mildew
- Protects moisture-sensitive building materials such as wood framing, plywood, and OSB
- Made of inorganic materials, KERDI will not promote mold growth
- Pliable and easy to install, tile is installed directly over the membrane



KERDI-BOARD Shower

KERDI-BOARD is an extruded polystyrene foam panel that is installed directly on stud framing, and replaces gypsum or cement board to create shower walls.

- Waterproof and vapor-retardant, will not promote mold growth
- Even, impact-resistant, and rigid
- Contains no cement or fiberglass for a dust-free installation
- Lightweight and easy to cut with a utility knife, makes installation simple

Waterproofing Accessories



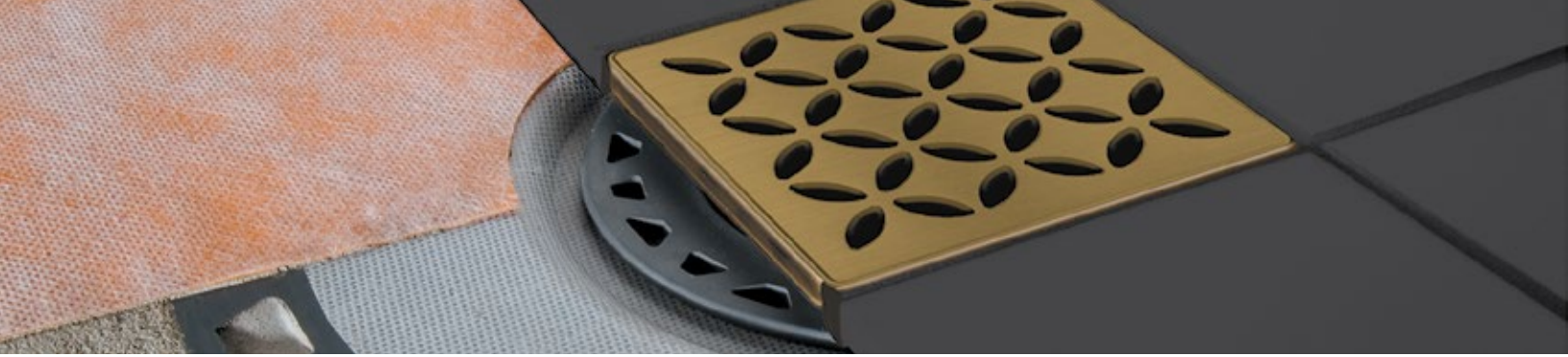
KERDI-BAND
Waterproofing strip



KERDI-KERECK
Inside and outside waterproofing corners



KERDI-SEAL-PS/-MV
Pipe and mixing valve seals



KERDI-DRAIN

KERDI-DRAIN is a floor drain with an integrated bonding flange that provides a large contact area for a secure connection to the KERDI waterproofing membrane at the top of the assembly.

Reduces Installation Time and Labor

Eliminates the prep work required in a traditional drain and liner application.

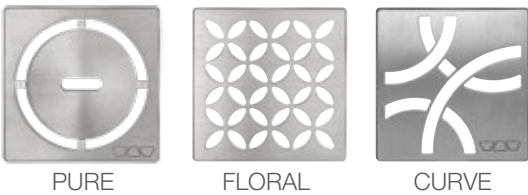
Adaptable

Appropriate for both mortar bed and KERDI-SHOWER-T/-TS/-TT foam tray installations. Ideal for new constructions and remodels.

Designed Specifically for Tile

Fully adjustable grate (vertical, lateral, and tilt) simplifies tile layout and installation. Square grate minimizes awkward cuts around the drain.

STYLE Brushed Stainless Steel



Stainless Steel	Nickel	Rose Gold	Classic Gold
Vintage Gold	Matte White	Ivory	Greige
Cream	Bronze	Stone Grey	Pewter
Dark anthracite	Matte Black		

CLASSIC Stainless Steel



Stainless Steel	Chrome
Oil-rubbed Bronze	Nickel
Rose Gold	Classic Gold
Vintage Gold	

CONTOUR Anodized Aluminum



Brushed Nickel
Brushed Copper
Brushed Brass

TILE Tileable Covering Support



Flange Options - 2" or 3"

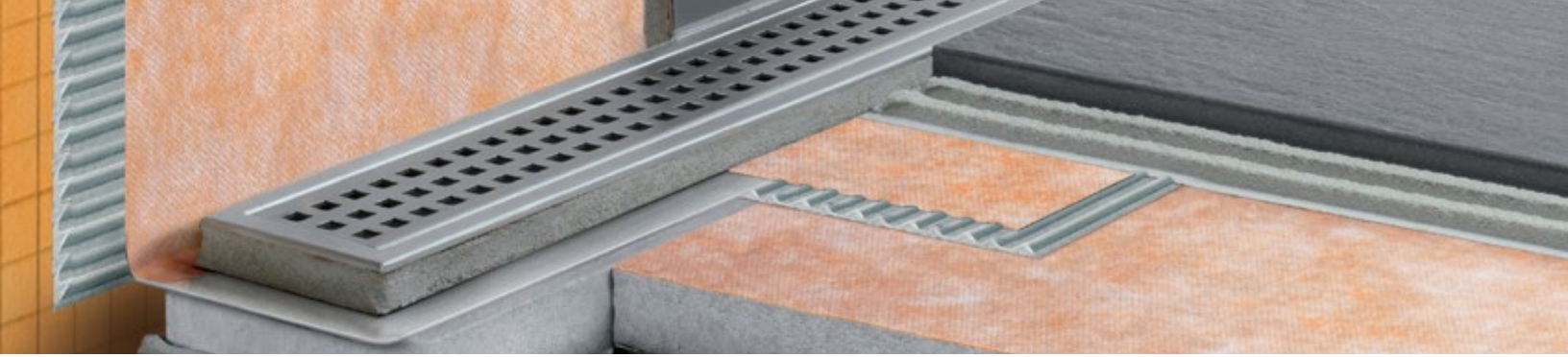


Horizontal Flange Options - 2"



Adaptor - 5-1/4" or 7-1/2"





KERDI-LINE and KERDI-LINE-VARIO

KERDI-LINE and KERDI-LINE-VARIO are low profile linear drains specifically designed for bonded waterproofing assemblies. Both drains feature an integrated collar made of KERDI to ensure a simple and secure watertight connection around the drain. While KERDI-LINE is available in sizes ranging from 20" (50 cm) to 72" (180 cm), KERDI-LINE-VARIO is offered in lengths of 48" (122 cm) and 96" (244 cm) and is designed to be cut to size on-site.

Design Versatility

With KERDI-LINE and KERDI-LINE-VARIO, the floor is sloped on a single plane which allows the use of large-format tile. Both drains can be installed adjacent to walls or at intermediate locations, further increasing design options. Shower entry placement is only recommended for KERDI-LINE.

Completely Curbless

Both drains have a low profile which makes them ideal for curbless showers and open-concept spaces, including those designed to accommodate wheelchairs. Beautiful design meets function and accessibility!

Stunning Grate Finishes

With a variety of designs available, your grate will be anything but boring! With KERDI-LINE, choose from brushed stainless steel, chrome, tileable, or one of our designer grates. KERDI-LINE-VARIO grates are available in brushed stainless steel with four designer options.

KERDI-LINE grate options

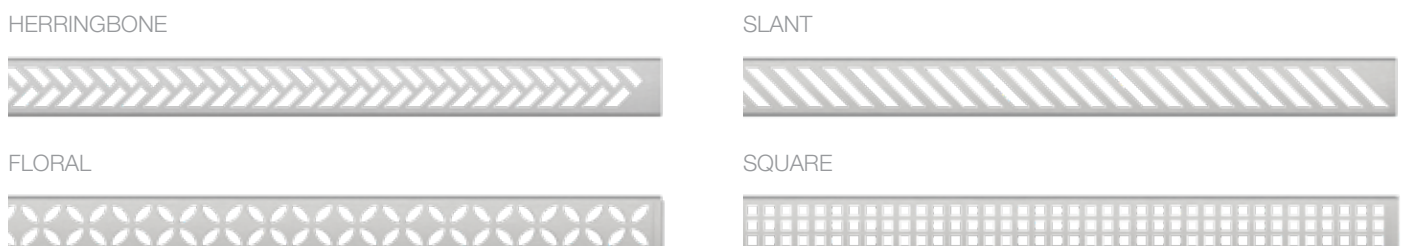


STYLE **Brushed Stainless Steel**



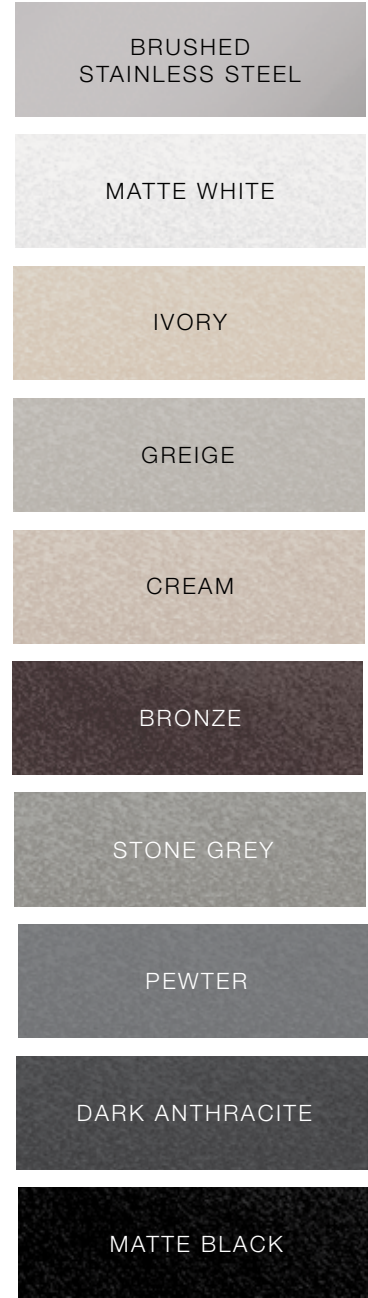
KERDI-LINE-VARIO grate options

Brushed Stainless Steel



Match Your Shelf with Your Grate

A selection of new shower shelves in various shapes and sizes provide the perfect match to your drain grate. Available in FLORAL, CURVE, PURE, SQUARE, and WAVE, these shelves make the ordinary, extraordinary.



Corner Shelf **Ideal for retrofits!**



PURE

CURVE

SQUARE

Niche Shelf



FLORAL

Wall Shelf



WAVE

See your Shower
in a Whole New

Light



KERDI-BOARD-SNLT

KERDI-BOARD-SNLT is a prefabricated KERDI-BOARD niche with integrated LIPROTEC LED lighting that is designed to ensure that all connections are compliant with the National Electrical Code (NEC) and the Canadian Electrical Code (CEC). The LED light strip provides a warm, evenly diffused white light that measures 95+ on the Color Rendering Index (CRI), ensuring that tile, décor, and even skin tones look vibrant and natural.

Design Versatility

KERDI-BOARD-SNLT is available in 3 sizes: 12" x 12", 12" x 20", and 12" x 28", the largest including a prefabricated, tile-ready shelf. The LIPROTEC LED light strip can be installed either in the center of the niche or along the rear wall. What's more, each power supply is capable of controlling multiple niches, so several can be installed side-by-side and controlled by once source.

Easy Integration

The KERDI-BOARD-SNLT shower niche integrates perfectly with the Schluter Shower System for a bonded waterproof assemble.



The LED lighting strip can be installed in two positions:
in the center of the niche, or along the rear wall.



Prefabricated Shower Components

Prefabricated shower trays, curbs, benches, and niches provide a lightweight alternative to mortar bases and other constructions for quick and easy shower installations.

What's behind your tile matters—before you tile, make sure to start with the right foundation.



Sloped Shower Trays

Prefabricated sloped shower trays with integrated KERDI waterproofing

- Eliminate the need for a mortar bed
- Integrated KERDI waterproofing
- Fast and easy to install
- Feature a perfect slope
- Can be cut to size or extended using dry pack mortar

KERDI-SHOWER-T/-TS/-TT Tray Sizes:

Center

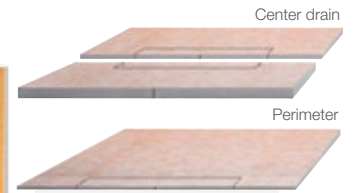
38" x 60"
48" x 60"
48" x 72"
60" x 60"
72" x 72"

32" x 38"
36" x 48"
36" x 36"
38" x 38"
48" x 48"

Off-Center

38" x 60"
38" x 38" (Neo-angle)

Tray sizes in orange denote our trays with thin perimeter heights that are ideal for curbless applications.



KERDI-SHOWER-LT/-LTS Tray Sizes:

Center

39" x 39"
48" x 48"
55" x 55"

Perimeter

39" x 39"
48" x 48"
55" x 55"
36" x 55"
36" x 72"
38" x 76"
76" x 38"



KERDI-BOARD-SN Niche Sizes:

12" x 6" 12" x 20"
12" x 12" 12" x 28"

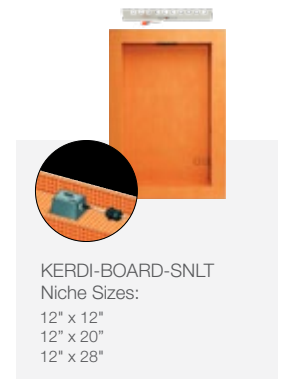
Shower Niches

Keep everything in the shower neatly organized with a prefabricated shower niche that is fully sealed, quick to install, and integrates with KERDI and KERDI-BOARD shower assemblies.

- Waterproof and ready to tile
- Finish off the shower niche with a trim profile of your choice
- Larger sizes include a prefabricated, adjustable shelf

Shower Niches with integrated LIPROTEC LED lighting technology

- Features evenly diffused LED warm, white light measuring 3000K
- Choice of 2 power supplies:
 - LIPROTEC-ECX all-in-one LED power supply and in-wall dimmer switch
 - LIPROTEC-ECD in-line dimmable driver
- Available cable lengths: 13' 1-1/2" , 26' 3", and 49' 2-1/2"



KERDI-BOARD-SNLT Niche Sizes:

12" x 12"
12" x 20"
12" x 28"

Shower Curbs

Prefabricated curbs eliminate all the prep work for quick and easy installations.

- Waterproof and ready to tile
- Lightweight and stable
- Load-bearing to accommodate the weight of glass blocks, shower doors, and glass partitions
- Combine multiple curbs to accommodate larger showers or cut to size for smaller spaces



KERDI-BOARD-SC Curb Sizes:

38" x 6" x 4-1/2"
48" x 6" x 4-1/2"
60" x 6" x 4-1/2"



KERDI-BOARD-SB Bench Sizes:

Triangular

16" x 16" x 20"
24" x 24" x 20"

Rectangular

38" x 11-1/2" x 20"
48" x 16" x 20"

Shower Benches

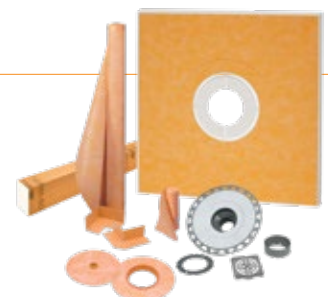
A tiled bench right in your shower—yes! Whether you include a shower bench for functional reasons or simply for a touch of comfort, once you incorporate seating in the shower, you'll never go back.

- Waterproof and ready to tile
- Lightweight and load bearing
- Sloped surface to prevent water accumulation

Kits

The KERDI-SHOWER-KIT is your all-in-one solution to building a completely waterproof shower that is ready for tile.

The KERDI-BOARD-KIT contains KERDI-BOARD panels and all the other components necessary to create a fully waterproof and vapor tight tile application around bathtubs and acrylic shower bases.





Small Detail, Big Finish

The timeless beauty of ceramic and stone tiles can bring a relaxing spa feeling home. Schluter® profiles are suitable for creating hygienic transitions and protecting tile edges in wet areas.

Profiles for Inside Corners

DILEX cove-shaped profiles create a curved surface that provides an easy-to-clean alternative for inside wall corners and floor/wall transitions—and also eliminate the need for caulking!

Profiles for Outside Corners and Tile Edges

Exposed tile edges are unsightly and prone to chipping. The **QUADEC** square-shaped profile and **RONDEC** rounded profile protect and finish tile edges for visually-appealing and long-lasting results. Edging profiles eliminate the need for special ceramic trim pieces so you can select virtually any tile in the showroom.

Details Make the Difference

Matching corners and end caps are available for most Schluter® profiles. No need for miter cuts, these accessories eliminate gaps and sharp edges and simplify installation to provide a polished, finished look.



Schluter® profiles are available in a wide range of colors and finishes to complement your design.

Want the full warm floor experience?
Run the electric floor warming right into your shower!

Luxurious and Warm

DITRA-HEAT Electric Floor Warming System

One feature that immediately separates an ordinary bathroom from an extraordinary one is a warm tiled floor. With DITRA-HEAT, tiled floors are not only warm, they are also more durable since this system incorporates an uncoupling mat to prevent cracked tiles and grout, in addition to waterproofing, vapor management and load support—covering all the common challenges in the bathroom.

- Electric floor warming adds a touch of luxury to the bathroom
- Integrated uncoupling technology protects tiles from cracking
- Heating zones are easily customizable using loose cable and studded mat
- Easy to install; no need for clips, fasteners, or leveling compound
- Minimal assembly thickness allows easy transitions to lower surface coverings



DITRA-HEAT-DUO

All the same features as the DITRA-HEAT system, with the addition of a thicker bonding fleece that provides two further benefits: sound control and a thermal break for 70% faster warm-up times over concrete substrates.



Easy Peel & Stick Floor Warming

Available in rolls and sheets, the new peel and stick membranes feature a cutback stud structure with anchoring fleece and a self-adhesive backing. They offer all the same benefits as our original DITRA-HEAT and DITRA-HEAT-DUO floor warming membranes, now with an easier and faster way to install the membrane without thin-set.

Schluter®-Shower System Installation Handbook

The Installation Handbook contains comprehensive details, installation instructions, warranty information, and other helpful information to ensure the success of your installation.

Please consult the Handbook prior to starting your tile project.

To obtain a copy:
Call: 800-472-4588 (USA) or
800-667-8746 (Canada)
Or download at [Schluter.com](https://www.schluter.com)



Installation Videos

 [youtube.com/schlutersystems1](https://www.youtube.com/schlutersystems1)

