Schluter®-Shower System

Complete waterproofing system for tiled showers

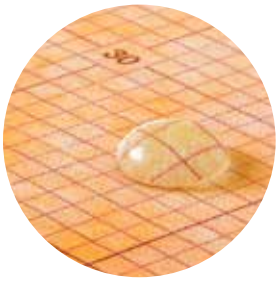
Schluter® Systems

PROFILE OF INNOVATION

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.

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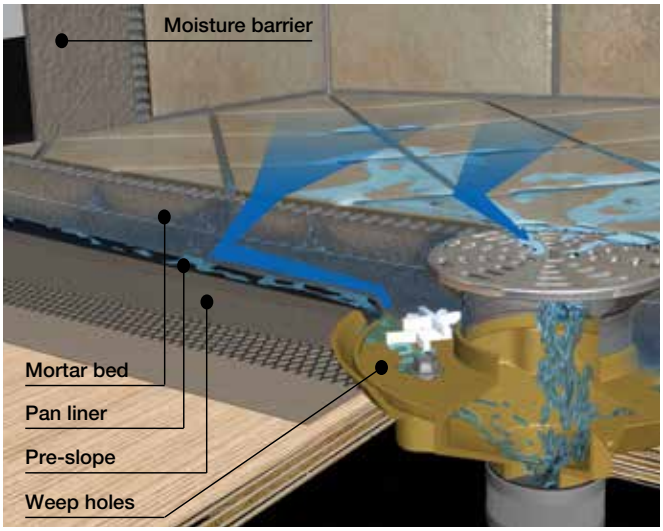
The Traditional Shower vs. the Schluter® Shower

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.

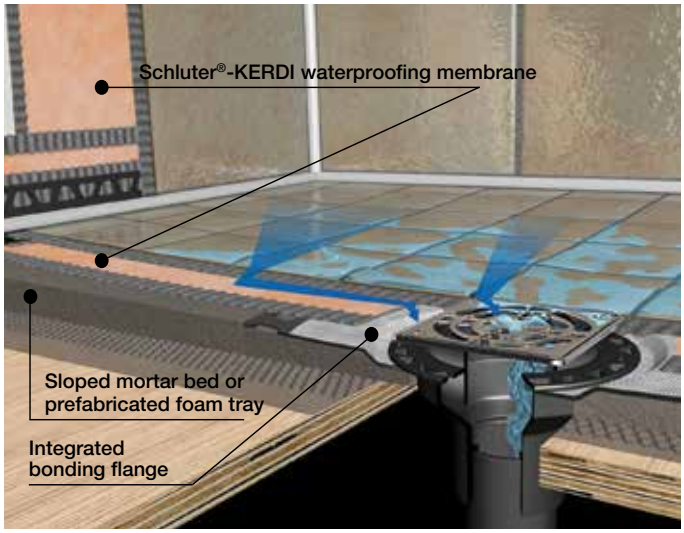
While this completes the waterproofing installation, additional prep work is required because the waterproofing materials used in this system do not allow for the direct application of tile. A mortar bed is placed over the pan liner, and the walls are covered with mortar or tile backerboard. These materials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

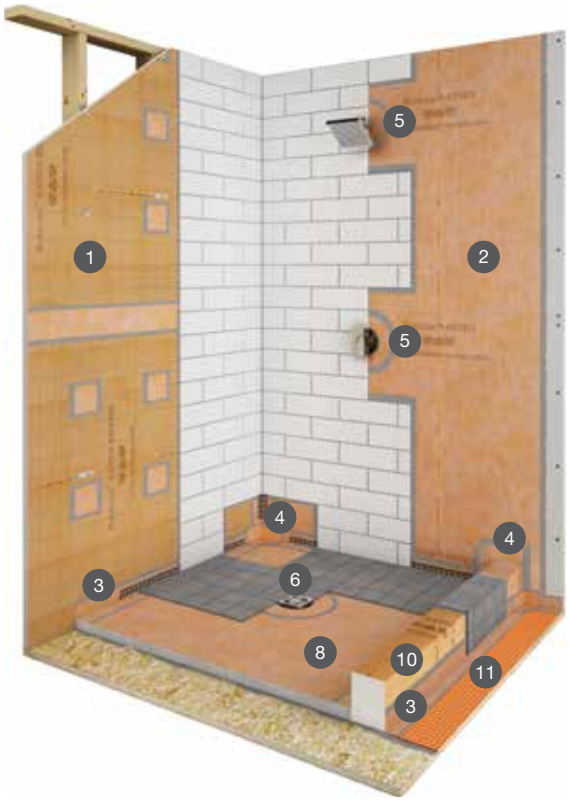
Showers

Curbless Showers

Bathtub Surrounds

Steam Showers

Typical Shower Application



1 KERDI-BOARD
Waterproof building panels

2 KERDI
Waterproofing membrane

3 KERDI-BAND
Waterproofing strip

4 KERDI-KERECK-F
Waterproofing corners

5 KERDI-SEAL
Pipe and mixing valve seals

6 KERDI-DRAIN
Point drain

7 KERDI-LINE
Linear drain

8 KERDI-SHOWER-T/-TS/-TT
Prefabricated shower tray

9 KERDI-SHOWER-LT/-LTS
Prefabricated shower tray

10 KERDI-BOARD-SC
Prefabricated shower curb

11 DITRA
Uncoupling membrane
or
DITRA-HEAT
Electric floor warming and uncoupling membrane

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

LIMITED LIFETIME WARRANTY AVAILABLE

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.

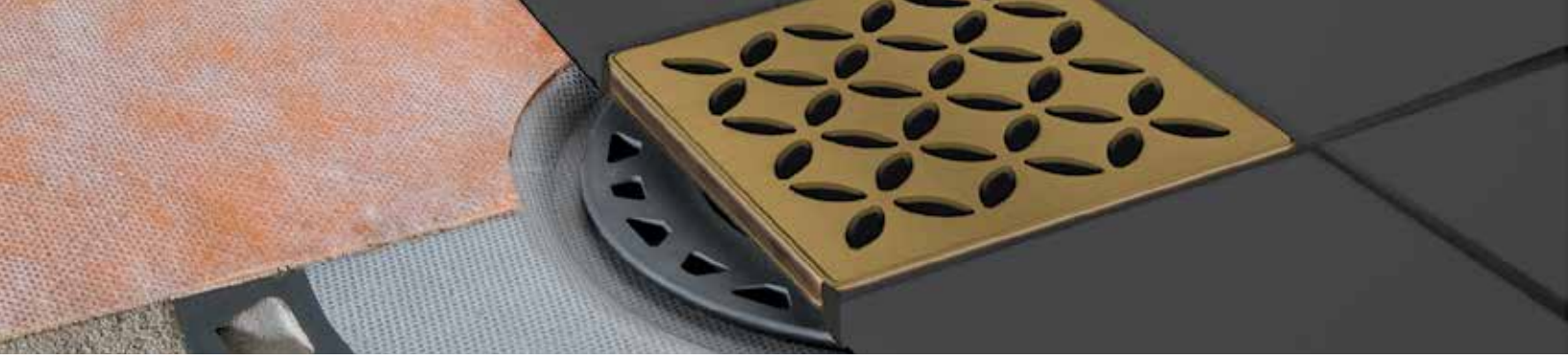
- Waterproof and vapor-retardant, will not promote mold growth
- Even, impact-resistant, and rigid
- Contains no cement or fiberglass for a dust-free installation
- Lightweight and easy to cut with a utility knife, makes installation simple

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

Pure | Floral | Curve

Stainless Steel	Nickel	
Rose Gold	Vintage Gold	Classic Gold
Cream	Greige	Stone Grey
Bronze	Matte Black	Matte White

Design 1 - Stainless Steel

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

Design 2 - Anodized Aluminum

- Brushed Nickel
- Brushed Copper
- Brushed Brass

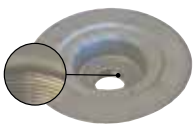
Tileable

Flange Options - 2" or 3"

ABS

PVC

Stainless Steel No-hub



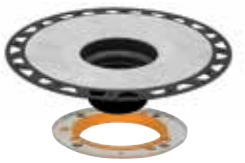
Stainless Steel Threaded (2" only)

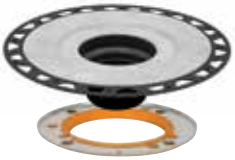
Horizontal Flange Options - 2"

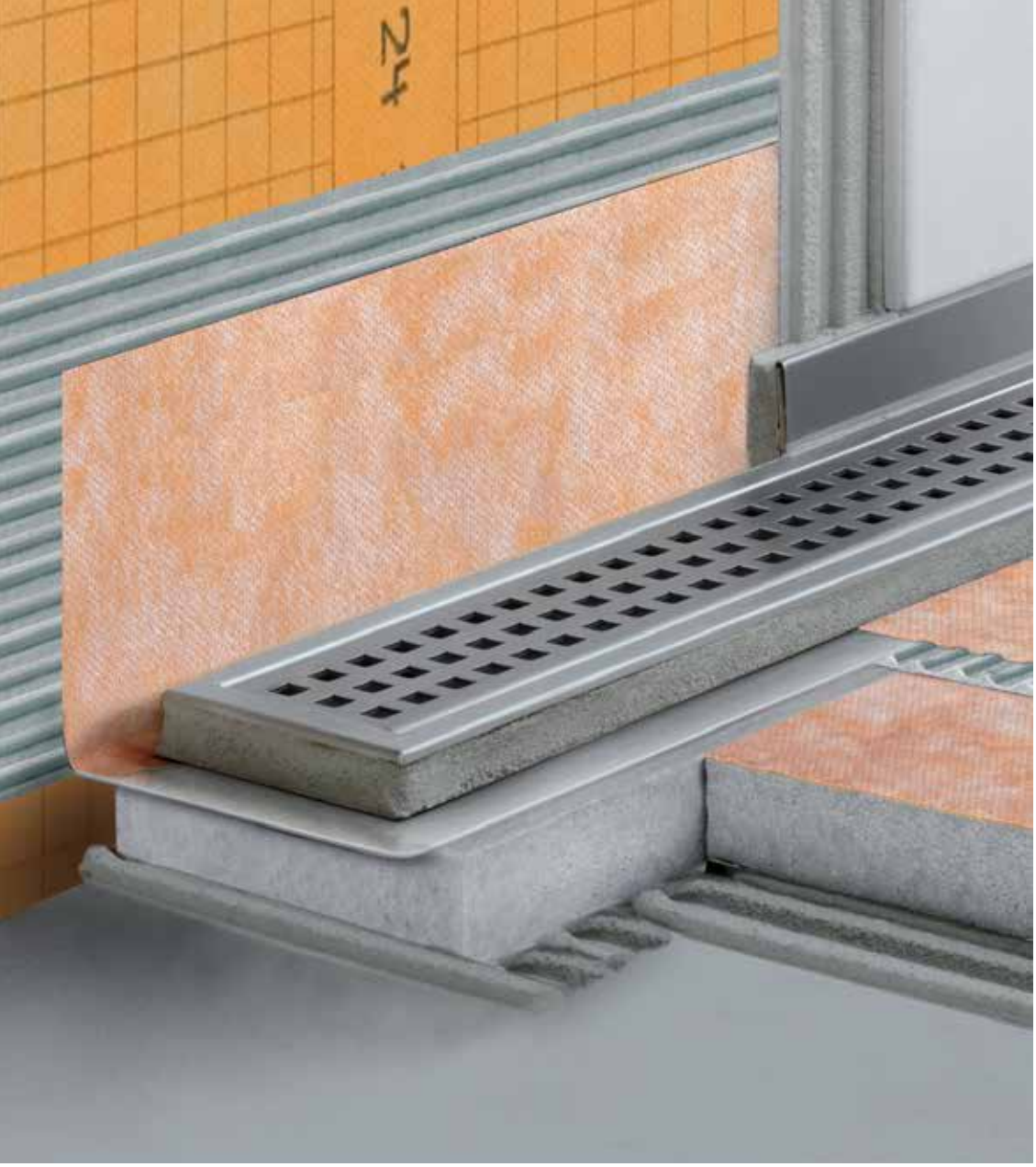
ABS

PVC

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







STYLE

Pure

Floral

Curve

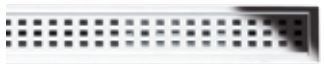
Closed Design

Brushed Stainless Steel

Chrome

Perforated

Brushed Stainless Steel



Chrome

Frameless Tileable

KERDI-LINE

KERDI-LINE is a low profile linear floor drain specifically designed for bonded waterproofing assemblies. The channel body features an integrated collar made of KERDI to ensure a simple and secure, watertight connection around the drain.

Design Versatility

With KERDI-LINE, the floor is sloped on a single plane which allows the use of large-format tile. KERDI-LINE is available in a range of lengths and can be installed adjacent to walls or at intermediate locations, further increasing design options.

Completely Curbless

KERDI-LINE has a low profile which makes it 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 grates available, your grate will be anything but boring. Choose from two grate designs in brushed stainless steel or chrome, the frameless tileable, or one of our STYLE designer grates.

More STYLE: Now Match Your Shelf with Your Grate

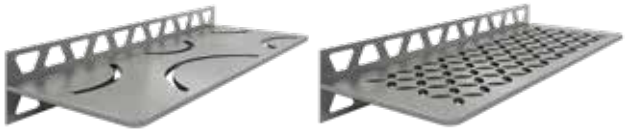
A selection of new shower shelves in various shapes and sizes provide the perfect match to your designer drain. Available in Floral and Curve STYLE designs, these shelves make the ordinary, extraordinary.

Corner Shelf

Ideal for retrofits!

Niche Shelf

Wall Shelf



BRUSHED
STAINLESS STEEL

MATTE WHITE

CREAM

GREIGE

STONE GREY

BRONZE

MATTE BLACK

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.

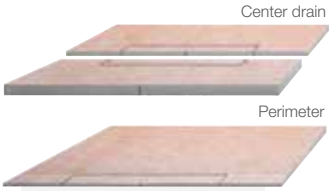
What's behind your tile matters—before you tile, make sure to start with the right foundation.

Sloped Shower Trays

- 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	Off-Center
38" x 60"	38" x 60"
48" x 60"	38" x 38" (Neo-angle)
48" x 72"	
60" x 60"	
72" x 72"	
32" x 38"	
36" x 48"	
36" x 36"	
38" x 38"	
48" x 48"	



KERDI-SHOWER-LT/-LTS
Tray Sizes:

Center	Perimeter
39" x 39"	39" x 39"
48" x 48"	48" x 48"
55" x 55"	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 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	Rectangular
16" x 16" x 20"	38" x 11-1/2" x 20"
24" x 24" x 20"	48" x 16" x 20"

Shower Benches

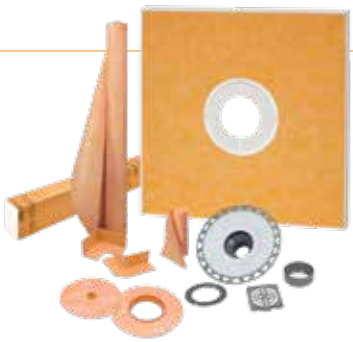
A tiled bench right in your shower—yes! Whether you include a shower bench for functional reasons or simply for a touch of comfort, once you incorporate seating in the shower, you'll never go back.

- 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

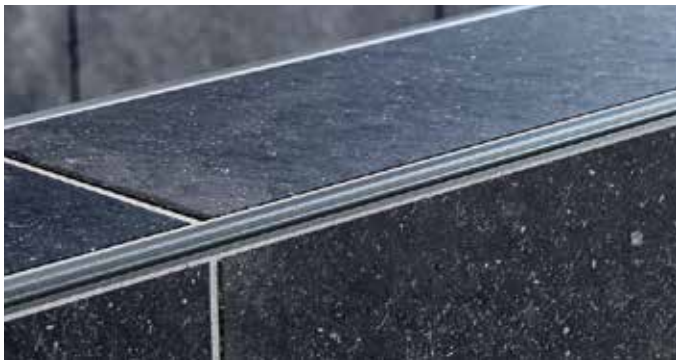
DILEX cove-shaped profiles create a curved surface that provides an easy-to-clean alternative for inside wall corners and floor/wall transitions–and also eliminate the need for caulking!

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!

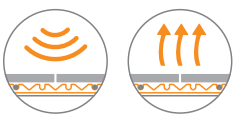
Luxurious and Warm

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.

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 ***www.schluter.com***

Installation Videos

youtube.com/user/schlutersystems1

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