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.

The Importance of Moisture Management

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

Contrary to popular belief, tile and grout joints (even sealed grout joints) are not waterproof. 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 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 the prefabricated KERDI-SHOWER-ST 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.
Typical Shower Application

- **KERDI-BOARD**: Waterproof building panels
- **KERDI**: Waterproofing membrane
- **KERDI-BAND**: Waterproofing strip
- **KERDI-SEAL**: Pipe and mixing valve seals
- **KERDI-KERECK-F**: Waterproofing corners
- **KERDI-DRAIN**: Prefabricated shower tray
- **KERDI-SHOWER-ST**: Prefabricated shower curb

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

See the Lifetime Thin-set System
Extended Limited Warranty at schluter.com
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 two-step mortar pan.

Adaptable
Appropriate for both mortar bed and KERDI-SHOWER-ST 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.
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.

**Breaking Barriers**
KERDI-LINE’s low profile makes it ideal for barrier-free, open-concept spaces, including those designed to accommodate wheelchairs. Beautiful design meets function and accessibility!

**Stunning Grate Finishes**
Choose from two grate designs in brushed stainless steel or chrome for a modern look, or select the frameless tileable version for virtually invisible drainage.
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
- Fast and easy to install
- Feature a perfect slope
- Can be cut to size or extended using dry pack mortar

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.

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

Shower Curbs

Shower curbs are typically framed with wood, covered in sheathing such as drywall or cement board, and waterproofed. Prefabricated curbs eliminate all the prep work for quick and easy installations.

- 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

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.

- Lightweight and load-bearing
- Sloped surface to prevent water accumulation
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. These accessories eliminate the need for miter cuts, thus eliminating gaps and sharp edges, simplify installation and provide a polished, professional result.

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

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