

# Longevity for tiles and natural stone

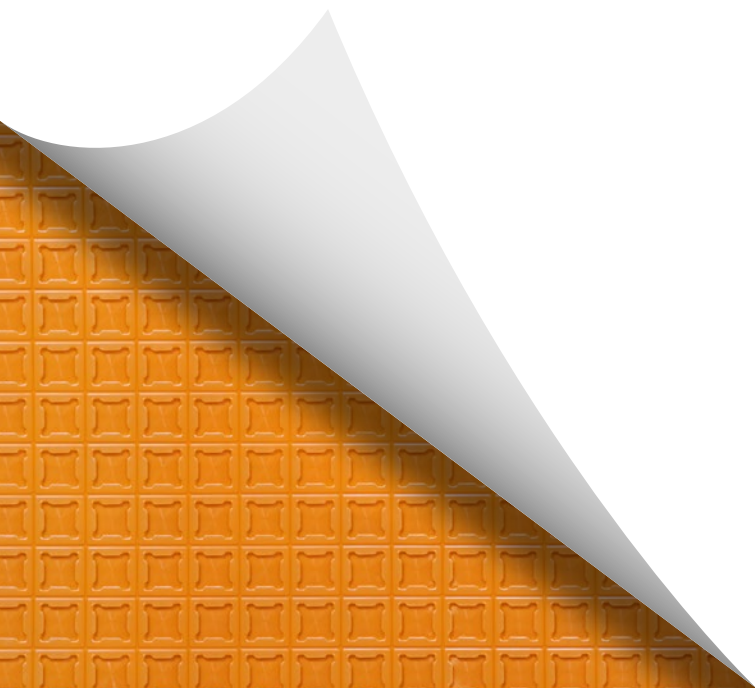
**Schlüter®-DITRA**





# Welcome to the Schlüter®-DITRA product family

The invention of Schlüter-DITRA made it possible to install ceramic tiles and natural stone pavers without risk – regardless of their size and the area to be covered. On virtually any substrate and in record time the unique functionality of the DITRA mat remains unrivalled to this day.



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# FOCUS ON – product innovation



## The new generation of Schlüter-DITRA

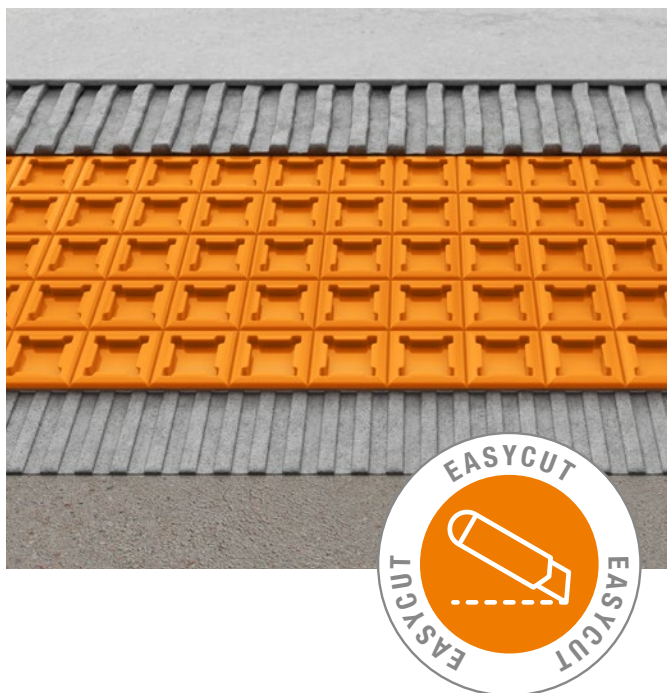
Improved geometry for even easier installation: Schlüter-DITRA has reliably uncoupled ceramic tiles and natural stone pavers from the substrate for 35 years. Installed in countless applications, the product protects floor coverings to ensure their lasting beauty.

The new geometry of the DITRA mat makes the product even easier to install: the air release vents allow for faster application of tile adhesive as the cavities can be filled more easily. The enhanced undercutting enables the tile adhesive to form a better mechanical lock with the mat.

Of course, the proven functions of DITRA haven't changed: the new improved DITRA still stands for dependable uncoupling, waterproofing, load transfer, heat distribution and vapour pressure equalisation. Simply the original – now even better!



The original. Now even better.



**QUICK AND EASY TO CUT:**

The EasyCut gridlines enable quick and easy cutting of the mat. The EasyCut gridlines not only guarantee perfect material cuts, but also make the membrane easier to install.



**IMPROVED FILLING PROPERTIES:**

The air release vents at the corners of each cavity enable easier filling of the cavities with tile adhesive.



# Stress relief for tiles

Schlüter®-DITRA

- ✓ Quick, dependable and easy to install
- ✓ EasyCut gridlines – quick and easy cutting
- ✓ EasyFill cavities – air release vents enable easy tile adhesive application
- ✓ Enhanced undercutting for improved mechanical lock with tile adhesive
- ✓ Proven functions: i.e waterproofing, uncoupling, vapour pressure equalisation, load transfer and heat distribution

## What's possible with DITRA

The Schlüter-DITRA membrane with its functional versatility has been a proven universal substrate for tile assemblies all over the world. Now DITRA has a new geometry to make it even easier to install. The new generation of DITRA ensures the lasting beauty of your ceramic tile or natural stone coverings.

The patented technology uncouples stresses caused by substrate deformation from the covering – and safely transfers loads, such as those caused by heavy objects, to the substrate.

In addition, by forming a bonded assembly with the covering, the mat serves as a waterproofing layer, in which moisture has no chance to seep into the substrate. All of these properties make DITRA an all-round protective system for your covering.

### Application areas

- Indoor / outdoor applications
- Large format tiles
- Critical substrates
- Wet rooms
- Floor heating system
- Exterior stairs
- Balconies / terraces
- Renovation / restoration
- New construction

### Functions

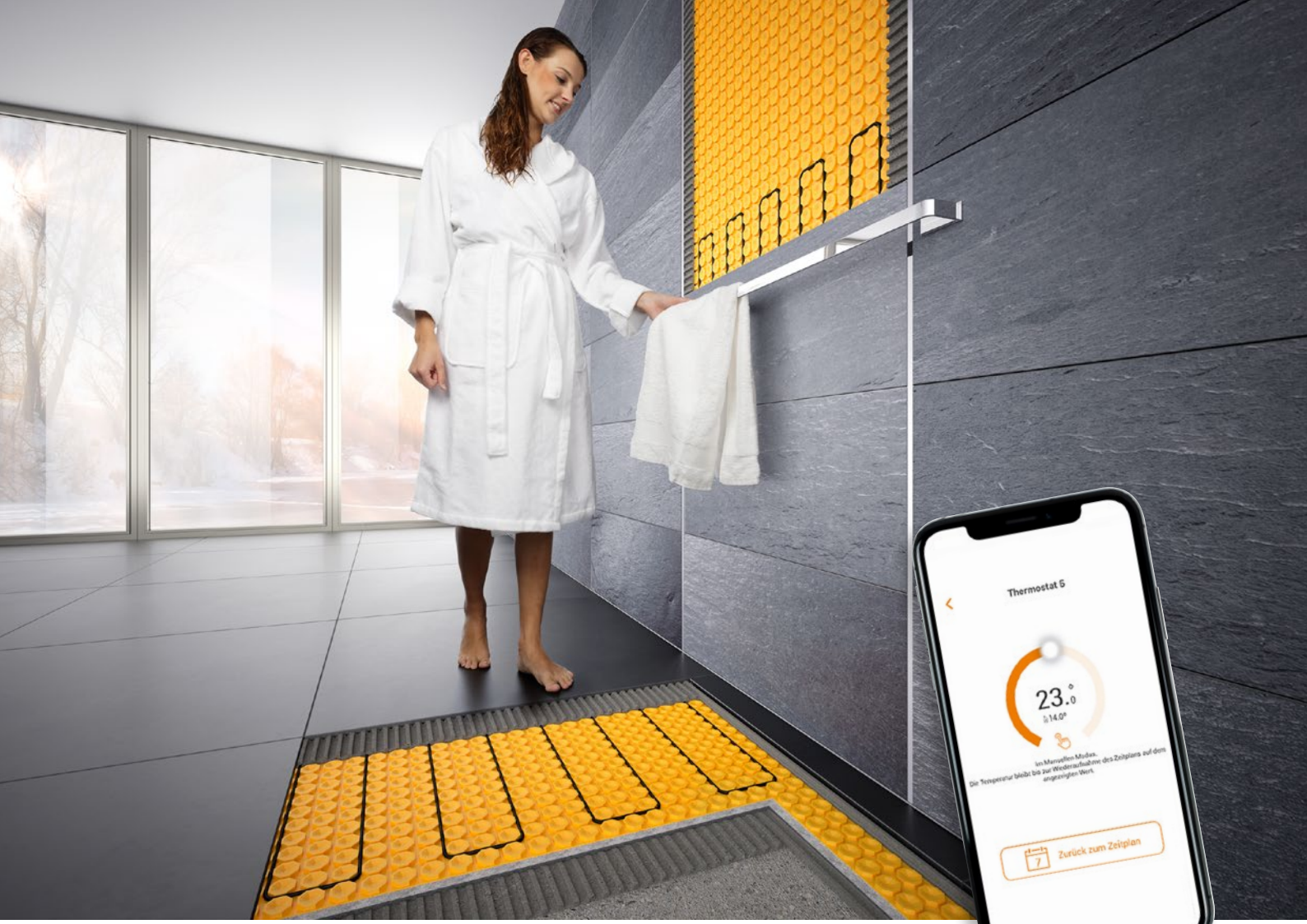
- Low assembly height
- Vapour pressure equalisation
- Bonded assembly
- Load transfer
- Crack bridging
- Bonded uncoupling
- Bonded waterproofing
- Heat distribution
- EasyCut gridlines
- Improved filling properties with Easyfill function

### Suitable substrates

- Concrete
- Fresh cement screed
- Gypsum based screed
- Heated screeds
- Masonry / mixed substrates
- Gypsum plaster
- Wooden substrates
- Vinyl coverings and coatings
- Flooring grade asphalt (bitumen) screeds interior / unheated

Learn more on our website and on YouTube





# Electric floor and wall heating

## Schlüter®-DITRA-HEAT-E

- ✓ Comfortably warm floors and walls
- ✓ Heated zones can be individually designed
- ✓ Low assembly height is ideal for renovations
- ✓ Uncouples with proven DITRA technology
- ✓ Enjoy heated tiles even on critical substrates
- ✓ Convenient complete sets
- ✓ Impact sound reduction up to 13 dB (Schlüter-DITRA-HEAT-DUO)
- ✓ Bonded waterproofing
- ✓ Suitable for large tiles and pavers
- ✓ Peel & Stick variants available (DITRA-HEAT-PS / -DUO-PS)



## What's possible with DITRA-HEAT-E

Comfortable heat exactly where you need it: the electric heating system Schlüter-DITRA-HEAT-E warms up specific floor and wall zones. The system adds pleasant warmth in living rooms and bathrooms to supplement the primary heating system. It can be conveniently controlled via smartphone, tablet or voice controlled smart home speaker – for setting the perfect temperature on the go at any time.

Making use of the optimal heat conductivity and thermal storage capacity of ceramic tiles or natural stone, the system is especially energy efficient due to its low assembly height. The fact that the patented DITRA technology serves as a waterproofing and uncoupling assembly for the covering is yet another advantage. Durable tile coverings and pleasant warmth in the right places – a combination only achievable with DITRA-HEAT-E.

### Application areas

- Interior
- Large format tiles
- Critical substrates
- Suitable as floor or wall warming system
- Back-up heating system for buildings with very low heating energy demand
- Buildings for occasional use

### Functions

- Low assembly height
- Floor or wall heating
- Vapour pressure equalisation
- Bonded assembly
- Load transfer
- Crack bridging
- Impact sound insulation (DUO/DUO-PS)
- Bonded uncoupling
- Bonded waterproofing
- Active heat distribution
- Peel & Stick (PS/DUO-PS)

### Suitable substrates

- Concrete
- Fresh cement screed
- Gypsum based screed
- Heated screeds
- Masonry / mixed substrates (PS and DUO-PS for floor installation only)
- Gypsum plaster (PS and DUO-PS for floor installation only)
- Wooden substrates
- Vinyl coverings and coatings

Learn more on our website and on YouTube



DITRA-HEAT



DITRA-HEAT



DITRA-HEAT-PS



DITRA-HEAT-PS





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## Our recommendation for exterior floors

### Schlüter®-DITRA-DRAIN 4 and 8

- ✓ Proven choice for large format tiles
- ✓ Uncouples the covering from the substrate
- ✓ Helps curing of tile adhesive by enabling ventilation and water drainage
- ✓ Quick installation and long service life
- ✓ Two versions provide solutions for different size areas and different substrates

## What's possible with DITRA-DRAIN 4 and 8

Turn your exterior spaces into “outdoor living rooms”. Our drainage and uncoupling mats Schlüter-DITRA-DRAIN 4 and 8 create damage-free tile and natural stone coverings on balconies and terraces for lasting beauty.

The mats ventilate the assembly, wick away moisture and neutralise tensions from the substrate. This helps the covering withstand the impact of damaging wind and weather – and lets you enjoy the sun without worries.

### Application areas

- Indoor / outdoor applications
- Large format tiles
- Balconies/terraces/rooftop patios
- Exterior stairs
- Renovation / restoration
- New construction

### Functions

- Low assembly height (DRAIN 4)
- Vapour pressure equalisation
- Bonded assembly
- Load transfer
- Crack bridging
- Sub-surface ventilation
- Bonded uncoupling
- Bonded drainage/passive capillary

### Suitable substrates

- Cement screeds
- Heated screeds
- Existing coverings
- Concrete structure
- Wooden substrates
- Flooring grade asphalt (bitumen) screeds interior / unheated
- Vinyl coverings and coatings

Learn more on our website and on YouTube





# Impact sound insulation

## Schlüter®-DITRA-SOUND

- ✓ Reduces impact sound transmission
- ✓ Low assembly height
- ✓ Highly durable
- ✓ Anti-fracture/crack-bridging
- ✓ Suitable for large format tiles

## What's possible with DITRA-SOUND

Peace and protection: Schlüter-DITRA-SOUND reduces the transmission of impact sound to adjacent rooms by up to 13 decibels. This is the equivalent of more than 50% of perceived impact sound. At the same time, the heavy duty mat protects floor coverings against damage or cracks. That results in floor coverings of lasting beauty – which you can enjoy in peace.

### Application areas

- Interior
- Renovation / restoration
- Large format tiles

### Functions

- Low assembly height
- Bonded assembly
- Load transfer
- Crack bridging
- Impact sound insulation

### Suitable substrates

- Concrete
- Cement screed
- Gypsum based screed
- Heated screeds
- Wooden substrates
- Vinyl coverings and coatings

Learn more on our website and on YouTube





# Expertise. In all areas.

Schlüter-Systems are market leading in many areas, the products are carefully matched to create perfect system solutions from a single source. They are the result of expertise, know-how and innovation.

## Waterproofing / uncoupling / heating / drainage / impact sound

The products Schlüter-KERDI, -DITRA and -TROBA are optimally matched system solutions for installing ceramic tiles and natural stone in wet rooms, outdoor areas and on critical substrates.

## Balconies and terraces

Tiles make ideal floor coverings for balconies and terraces. The well thought out assemblies of Schlüter-Systems create durable exterior tiled floors. No matter whether you are planning to renovate a terrace or want to build a new place in the sun, we offer everything you need for balcony assemblies. From bonded waterproofing to edge profiles and drainage channels – the products of Schlüter-Systems are a perfect match.

## Technology and design with Schlüter profiles

Schlüter profiles offer an ideal combination of functionality and design. Our product portfolio includes profiles for finishing wall and floor coverings, stair nosings, and profiles for expansion, perimeter, edge and transition joints.

## Tile substrates

Schlüter-KERDI-BOARD is an innovative system to quickly create fully functional, dimensionally stable substrates for tiles.

Whether you are planning to install mosaics, standard tiles or large stone pavers, substrates created with KERDI-BOARD are immediately ready for tiling without further preparation.

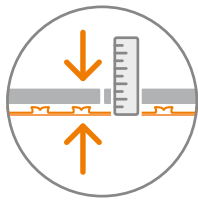
## Covering assembly technology

Schlüter-BEKOTEC is a floor assembly system that can be constructed quickly. It is thin, will not buckle, and reduces tensions in the screed. The heating and cooling components of Schlüter-BEKOTEC-THERM result in an efficient ceramic thermal comfort floor.

## Illuminated profile technology

The use of light is an essential factor in the design of room aesthetics and atmospheres. Modern lighting technology offers many options for creative and decorative interior design that go beyond the sole purpose of illumination.

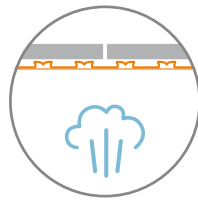
# Function overview of the Schlüter-DITRA product family



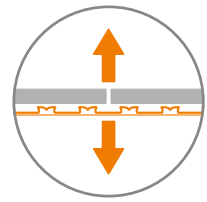
Low assembly height



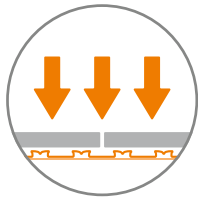
Floor heating



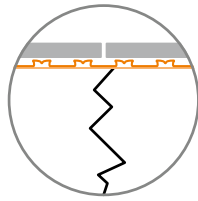
Vapour pressure equalisation



Bonded assembly



Load transfer



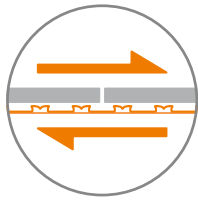
Crack bridging



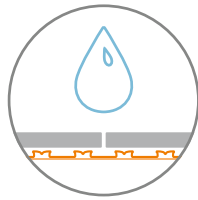
Impact sound insulation



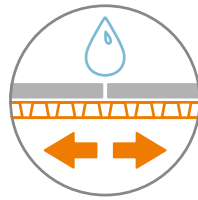
Sub-surface ventilation



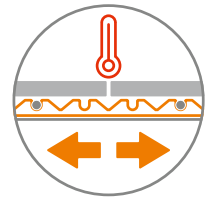
Bonded uncoupling



Bonded waterproofing



Bonded drainage / passive capillary



Heat distribution

Schlüter®-DITRA  
 Schlüter®-DITRA-HEAT-E  
 Schlüter®-DITRA-DRAIN 4  
 Schlüter®-DITRA-DRAIN 8  
 Schlüter®-DITRA-SOUND

	Schlüter®-DITRA	Schlüter®-DITRA-HEAT-E	Schlüter®-DITRA-DRAIN 4	Schlüter®-DITRA-DRAIN 8	Schlüter®-DITRA-SOUND
Low assembly height	•	•	•		•
Floor heating		•			
Vapour pressure equalisation	•	•	•	•	
Bonded assembly	•	•	•	•	•
Load transfer	•	•	•	•	•
Crack bridging	•	•	•	•	•
Impact sound insulation		•			•
Sub-surface ventilation				•	•
Bonded uncoupling	•	•	•	•	
Bonded waterproofing	•	•			
Bonded drainage / passive capillary			•	•	
Heat distribution	•		•		
Active heat distribution		•			
Peel & Stick variant		•			



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