

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.

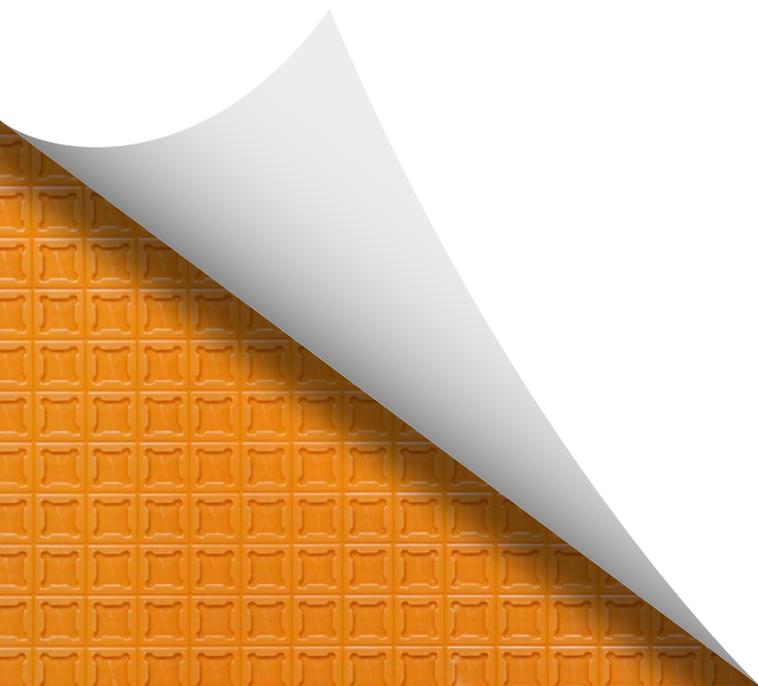


Table of Contents

	Content	Page
FOCUS ON	Now with Peel & Stick technology too: Schlüter®-DITRA-PS (Peel & Stick)	4
Stress relief for tiles	Schlüter®-DITRA	6
Peel & Stick – saves time and material	Schlüter®-DITRA-PS	8
Floor and wall heating	Schlüter®-DITRA-HEAT/-DUO	10
Floor heating	Schlüter®-DITRA-HEAT-PS/-DUO-PS	12
Bonded drainage	Schlüter®-DITRA-DRAIN 4 und 8	14
Impact sound insulation	Schlüter®-DITRA-SOUND	16
Product areas	Overview of our product areas	18





FOCUS ON – product innovation in detail



Now in a Peel & Stick version too: Schlüter-DITRA-PS

The new DITRA-PS (PS = Peel & Stick) with pressure sensitive adhesive can be installed directly on suitable substrates. That saves time and materials because there is no need to apply tile adhesive. Of course, DITRA-PS uncouples the substrate just as reliably as our classic DITRA.



Schlüter®-DITRA-PS

- ✓ Quick, simple and clean installation thanks to “Peel & Stick” technology
- ✓ Pressure sensitive adhesive anchoring fleece
- ✓ Easy to reposition during installation
- ✓ Saves time and material
 - No mixing and spreading of tile adhesive, immediately load bearing after installation
 - No mess from mixing and spreading tile adhesive, no trowels, buckets and tools to clean



Learn more on our website





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: 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 separates the tiled floor from any movement in the substrate 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
- New construction
- Renovation
- Critical substrates
- Exterior stairs
- Balconies, terraces
- Wet rooms
- Floor heating system
- Large format tiles

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/uses

- 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





Self-adhesive – saves time and material

Schlüter®-DITRA-PS

- ✓ Quick, simple and clean installation thanks to “Peel & Stick” technology
- ✓ Pressure sensitive adhesive anchoring fleece
- ✓ Easy to reposition during installation
- ✓ Saves time and material
- ✓ EasyCut gridlines – quick and easy custom cuts
- ✓ EasyFill design – easy tile adhesive application with integrated air release vents
- ✓ Modified undercutting for improved tile adhesive bond
- ✓ Proven functions: uncoupling – vapour pressure equalisation – load transfer – heat distribution

What's possible with DITRA-PS

Faster, more practical, resource-saving processing. The new Schlüter-DITRA-PS impresses with these advantages. Like the original, the Peel & Stick version of the studded mat – PS stands for Peel & Stick – provides a solid basis for installation on suitable substrates.

But, in comparison, DITRA-PS can be installed even more easily and neatly: simply peel off the protective membrane on the underside and stick the studded mat to a suitable dust-free substrate. As long as it has not been firmly adhered, it is also easy to reposition. The pressure sensitive anchoring fleece eliminates the need to apply additional tile adhesive during installation. That saves material, time and money.

All other functions of the proven DITRA remain: DITRA-PS reliably uncouples tile or natural stone coverings from the substrate and functions as a load transfer and vapour pressure equalisation layer. Similarly, it features square undercut recesses in "EasyFill" design, which facilitate the application of the tile adhesive. And thanks to the "EasyCut" gridlines, the mat can be easily cut to the required dimensions.

Application areas

- Indoor applications
- Large format tiles
- Critical substrates
- Floor heating system
- Renovation
- New construction

Functions

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

Suitable substrates/uses

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

Learn more on our website





Electric floor and wall warming

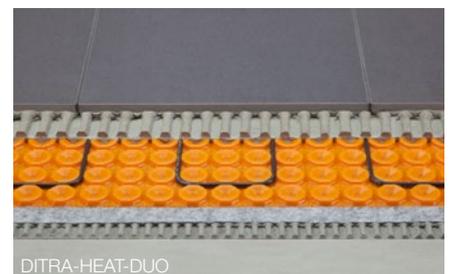
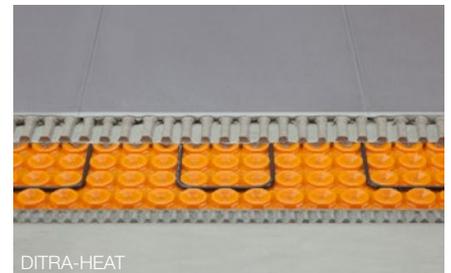
Schlüter®-DITRA-HEAT/-DUO

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

What's possible with DITRA-HEAT / -DUO

Whether new construction or renovation to modern standards – classic radiators are often avoided because they restrict the options for flexible room design. Solutions that building contractors and renovators both appreciate include DITRA-HEAT and DITRA-HEAT-DUO with proven DITRA technology. That's because the special stud structure makes it easy to install electrical heating cables.

DITRA-HEAT is therefore not just an ideal substrate for ceramic tiles and natural stone, but also an innovative system for warming floor and wall areas. DITRA-HEAT-E provides invisible warmth wherever it is needed – as floor warming system throughout the bathroom or in tiled benches. Integrated in the wall, it regulates the temperature of shower areas and towel rails. Schlüter-DITRA-HEAT-DUO is ideal where heat is needed quickly and for a short time. The system works lightning fast and efficiently in bathrooms that are only used occasionally.



Application areas

- Indoor applications
- Large format tiles
- Critical substrates
- Back-up heating system for buildings
- Buildings for occasional use
- Energy-efficient buildings (CHC)

Functions

- Low assembly height
- Floor heating
- Vapour pressure equalisation
- Bonded assembly
- Load transfer
- Crack bridging
- Impact sound insulation (DUO)
- Bonded uncoupling
- Bonded waterproofing
- Active heat distribution

Suitable substrates/uses

- Concrete
- Fresh cement screed
- Gypsum-based screed
- Heated screeds
- Masonry/mixed substrates
- Gypsum plaster
- Wooden substrates
- Vinyl coverings and coatings

Learn more on our website and on YouTube





“Peel & Stick” technology

Schlüter®-DITRA-HEAT-PS/-DUO-PS

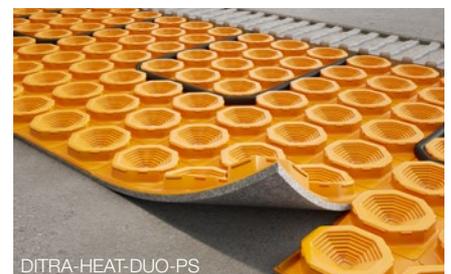
- ✓ Peel & Stick variants
- ✓ Comfortably warm floors
- ✓ Heated zones can be individually designed
- ✓ Low assembly height is ideal for renovations
- ✓ Uncouples with proven DITRA technology
- ✓ Enjoy heated tiles even on critical substrates
- ✓ Impact sound reduction up to 14 dB (Schlüter-DITRA-HEAT-DUO-PS)
- ✓ Suitable for large tiles and pavers

What's possible with DITRA-HEAT-PS/-DUO-PS

Would you like to install Schlüter-DITRA-HEAT or -DITRA-HEAT-DUO even faster with even less materials? The DITRA-HEAT-PS and DITRA-HEAT-DUO-PS (PS = Peel & Stick) systems offer exactly that where a suitable substrate already exists. The pressure sensitive adhesive eliminates the need to install tile adhesive below the uncoupling mat. That saves material, time and money – with the full range of functions and all the advantages of electrical radiant panel heating systems.



DITRA-HEAT-PS



DITRA-HEAT-DUO-PS

Application areas

- Indoor applications
- Large format tiles
- Critical substrates
- Suitable as a full-scale heating system
- Back-up heating system for buildings
- Buildings for occasional use
- Energy-efficient buildings (CHC)

Functions

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

Suitable substrates/uses

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

Learn more on our website and on YouTube





© Villeroy & Boch

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
- 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.

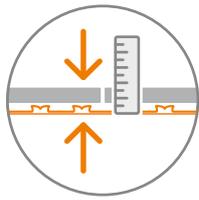
Covering assembly technology

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.

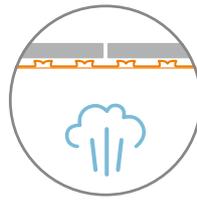
Function overview of the Schlüter-DITRA product family



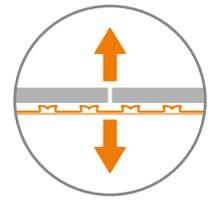
Low assembly height



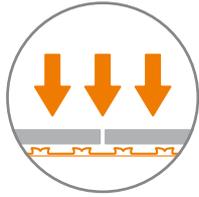
Floor warming



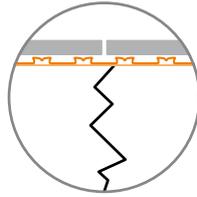
Vapour pressure equalisation



Bonded assembly



Load transfer



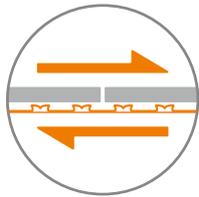
Crack bridging



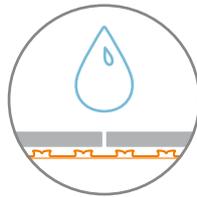
Impact sound insulation



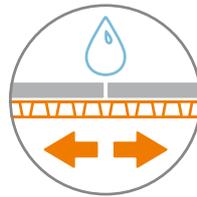
Sub-surface ventilation



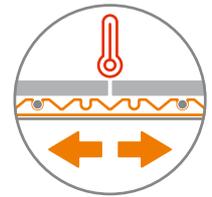
Bonded uncoupling



Bonded waterproofing



Bonded drainage / passive capillary



Heat distribution

	Schlüter®-DITRA	Schlüter®-DITRA-PS	Schlüter®-DITRA-HEAT	Schlüter®-DITRA-HEAT-DUO	Schlüter®-DITRA-HEAT-PS	Schlüter®-DITRA-HEAT-DUO-PS	Schlüter®-DITRA-DRAIN 4	Schlüter®-DITRA-DRAIN 8	Schlüter®-DITRA-SOUND
--	-----------------	--------------------	----------------------	--------------------------	-------------------------	-----------------------------	-------------------------	-------------------------	-----------------------

Low assembly height	•	•	•	•	•	•	•	•	•
Floor warming			•	•	•	•			
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		•				•	•		

Visit our website

Would you like to learn more about Schlüter-Systems?
Visit our website at schluter.co.uk



schluter.co.uk





Schlüter-Systems KG  Schmölestraße 7 | D-58640 Iserlohn

 +49 2371 971-0  +49 2371 971-1111  info@schlueter.de  schlueter-systems.com

Schlüter-Systems Ltd  Units 3-6 Bardon 22 Industrial Estate | Bardon Hill | Coalville | Leicestershire | LE67 1TE

 +44 (0) 1530 813396  sales@schluter.co.uk  schluter.co.uk