

## Further information

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## FOCUS ON – Advantages

### Quick and easy installation ...

With suitable substrates, a Peel & Stick variant is an especially easy alternative to conventional DITRA-HEAT that saves valuable time and materials. Since the new DITRA-HEAT-PS (Peel & Stick) features a pressure sensitive adhesive on the underside, no tile adhesive is required to bond the mat to the substrate. That makes the installation especially easy and saves significant amounts of material and time. All other functions of the proven DITRA-HEAT mat remain unchanged.

-  **EASY:** Peel off the release film and set in place (mat can be repositioned during installation until pressure is exerted)
-  **QUICK:** No mixing and spreading of tile adhesive, immediately load bearing after installation
-  **CLEAN:** No soiling from mixing and spreading tile adhesive, no trowels, buckets and tools to clean



## DITRA-HEAT-PS

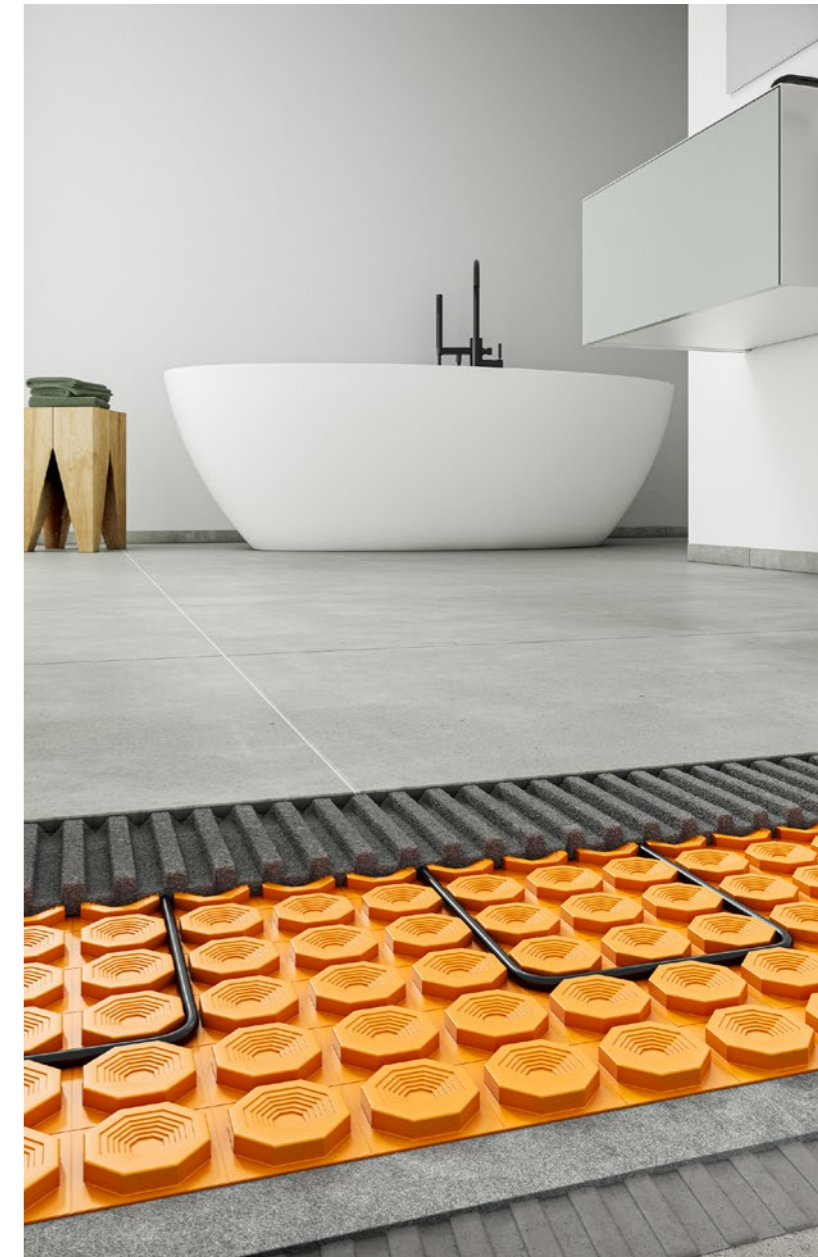
... thanks to peel & stick technology.



- ✓ Anchoring fleece with pressure sensitive adhesive
- ✓ Quick and easy to install
- ✓ Easy to reposition during installation
- ✓ Suitable for many substrates (eg. plywood, P4 & P5 chipboard, tile backer boards)
- ✓ Saves time and material
- ✓ Immediately load bearing after installation
- ✓ Uncouples the covering from the substrate
- ✓ Easy installation of matching heating cables
- ✓ Also available as DITRA-HEAT-DUO-PS with additional impact sound insulation and faster heat up response

## Warm feet guaranteed

### Schlüter®-DITRA-HEAT-E



## Schlüter®-DITRA-HEAT-E

Schlüter-DITRA-HEAT-E is designed for installation in floors and walls, where it provides surface heating exactly where it's wanted. The unique combination of features of DITRA-HEAT make it the perfect companion for crack-free, and heated ceramic tile and natural stone coverings. Thus, the tile or stone is protected against permeating moisture, and cracks from the substrate are not transferred to the covering, direct load transfer, and uncoupling guarantees the long life expectancy of floor and wall coverings.



## Schlüter®-DITRA-HEAT-E

For floors and walls

Due to their ability to retain and evenly distribute heat, ceramic tiles and natural stone are not only ideally suited for floor heating, but also for use on walls. We therefore have consistently optimised the innovative DITRA-HEAT-E system for heating applications in comfort zones located in floors and walls.

- ✓ **Creates cosy warmth**
- ✓ **Heating zones can be configured individually**
- ✓ **Low assembly height is ideally suited for renovation projects**
- ✓ **Uncoupling with proven DITRA technology**
- ✓ **Warms tiles even on problematic substrates**
- ✓ **Certified system components**
- ✓ **Suitable as primary heating system**
- ✓ **Prevents mould growth**
- ✓ **Pleasant room climate suitable for allergy sufferers**

### Faster heat up response: the practical Schlüter-DITRA-HEAT-E-DUO complete sets

Thanks to the innovative fleece layer integrated into our product variant, heat reaches the surface with greater speed and focus, which translates into an even quicker heat-up response without increasing the energy input.



## Schlüter®-DITRA-HEAT-E

Electrical underfloor heating

In contrast to conventional systems using pre-adhered heating mats, Schlüter-DITRA-HEAT-E heating cables are installed within an uncoupling mat. This offers optimal freedom for defining the areas to be heated. Due to the crack-bridging properties of DITRA-HEAT, the system is suitable for installation over critical substrates such as timber substrates, green screeds etc. without any risk of damage to the tile or stone covering. Naturally, the use of the proven Schlüter-DITRA technology also prevents damage to the covering from temperature fluctuations. Because of its extremely low assembly height (uncoupling mat incl. heating cable from 5.5 mm), DITRA-HEAT-E can be easily retrofitted. It is also ideally suited for restoration and renovation projects. As a further benefit, the heating cables are directly embedded in the uncoupling mat with tile adhesive and are located directly underneath the tile or stone covering for even and efficient heat delivery.

The Schlüter-DITRA-HEAT-DUO membrane is the ideal solution whenever heat is needed quickly and in a short time. A special 2 mm fleece fabric, transfers the bulk of the heat (over 80 %) directly to the floor covering during the heat up phase, which makes the heating much faster and more energy-efficient. The fleece also reduces impact sound.



## Schlüter®-DITRA-HEAT-E

Warmth from the wall

Cosy bathroom heat comes from integration in the wall. Elegant coverings heat the towel rack with precision or protect the wall surfaces of showers that adjoin walls, and which aid drying.

Wall heating also greatly enhances the healthy, pleasant room climate of living, dining, and working spaces.

Unlike with floor areas, the DITRA-HEAT-E heating cable can be installed with an installation spacing of either 2 or 3 studs in wall areas. This results in a heat dissipation of 200 or 136 W/m<sup>2</sup>. In floor areas, installation spacing of 3 studs is mandatory (136 W/m<sup>2</sup>).

