

## THE CERAMIC THERMAL COMFORT FLOOR.

### Install progress

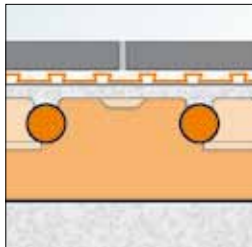


The ceramic thermal comfort floor Schlüter®-BEKOTEC-THERM combines environmentally friendly heating comfort with hygiene and cosiness. The patented floor assembly, which boasts a low construction height and an innovative heating and control technology, turns the entire system into a low energy, cost-saving, and quick-reacting "thermal comfort floor" with especially low flow temperatures.

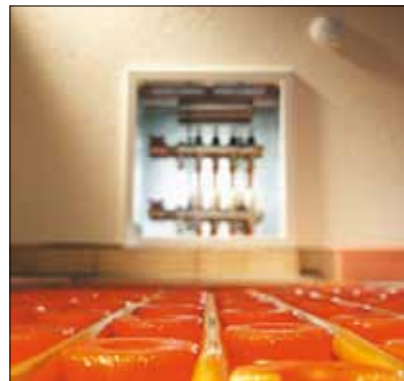
But that is not all: the advantages of the ceramic thermal comfort floor start right at the time of construction because of its quick and uncomplicated installation.

## The combination matters...

▼ The thin layered floor assembly of Schlüter®-BEKOTEC, in combination with Schlüter®-DITRA matting for heat distribution and uncoupling, forms the basis of the ceramic thermal comfort floor.



Note:  
Other coverings such as carpet, parquet, and laminates can also be installed.



▲ The ceramic thermal comfort floor is based on an innovative system of heating and control technology.

## FAST.

Move in earlier, thanks to shorter construction time



- ▲ Low construction height
- ▲ Material and weight savings
- ▲ Short construction time

Thanks to the special construction of the ceramic thermal comfort floor, tiles can be installed on top of the system component, Schlüter®-DITRA, as soon as the screed is ready to bear weight.

This eliminates long waiting periods for drying the screed and lengthy functional heating periods to bring the covering to temperature. Since the thinner screed requires much less material, the final construction is lighter and lower than conventional installations, saving considerable construction time.

## In new construction and refurbishment projects...

▼ The ceramic thermal comfort floor makes your living space cosy and warm.



▲ The thin layered construction offers many benefits for new building projects and refurbishment alike.

## ENVIRONMENTALLY FRIENDLY & COMFORTABLE.

Save energy and reduce heating costs



- ▲ Low operating temperatures
- ▲ Low heating cost
- ▲ Effective utilisation of regenerative or conventional energy sources

Because of the patented thin layer construction of the ceramic thermal comfort floor, the total screed mass to be heated is comparatively small. As a consequence, floor-heating systems can be operated with low flow temperatures. Thanks to Schlüter®-DITRA's ability to distribute heat evenly, the heat is rapidly spread over a large area, making an entire room comfortable in a short amount of time. Ceramic thermal comfort floors are ideally suited for operation with environmentally friendly heat pumps. However, the low operating temperatures also protect the environment if they rely on conventional heat generation and are good to your wallet as well!

## Intelligent utilisation of heat...

▼ Schlüter®-BEKOTEC-THERM is an ideal component for use in modern low-energy homes.



▲ Combined with environmentally friendly energy sources, the ceramic thermal comfort floor creates a cosy atmosphere in the entire house.

## SYSTEMATIC SAFETY.

Quality in the long run



- ▲ Low stress screed construction
- ▲ Joint free screed
- ▲ Crack free ceramic or stone tile coverings
- ▲ First-rate references

Thanks to the patented assembly of the ceramic thermal comfort floor, stresses that build up in the construction are neutralised. Schlüter®-BEKOTEC-THERM can offer you a permanently damage free, heated tile floor that you will enjoy for a long time to come.

## Stress resistant and damage free...

▼ Cracked tiles used to be a frequent, annoying occurrence in heated floor constructions. They are completely eliminated with Schlüter®-BEKOTEC-THERM!



▲ The floor is extremely durable in spite of the thin layer construction. The ceramic thermal comfort floor has even been proven effective in car dealerships!



## CONVINCING.

All advantages at a glance

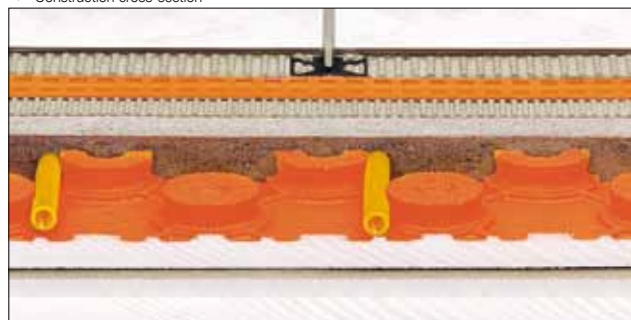
### Construction advantages

- Low construction height
- Material and weight savings
- Low stress screed construction
- Crack free ceramic or stone tile coverings
- Joint free screed
- More design options
- Shorter construction time
- High durability
- Proven suitability

### Heating advantages

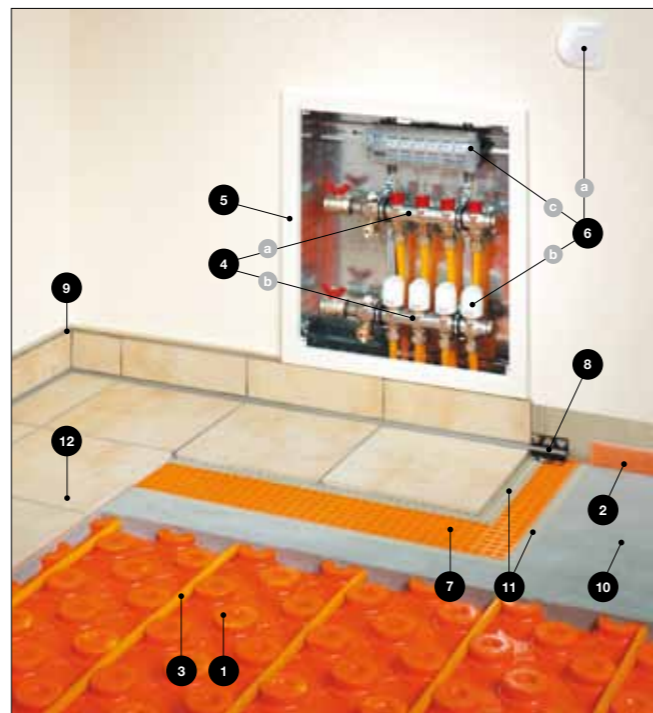
- Low hot flow temperatures
- Low heating cost
- Effective for the use of regenerative energy sources
- Even heat distribution
- Fast-reacting floor heating system
- Cosy atmosphere
- Hygienic and healthy
- Easy control technology

▼ Construction cross-section



## THE CERAMIC THERMAL COMFORT FLOOR.

A complete system from a single source



#### ▲ System components:

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>Schlüter®-BEKOTEC-EN studded screed panel</li> <li>Schlüter®-BEKOTEC-BRS screed edging strip</li> <li>Schlüter®-BEKOTEC-THERM-HR heating pipe</li> <li>Schlüter®-BEKOTEC-THERM-HV stainless steel heating circuit distributor with connection accessories<br/>a) flow leg b) return leg</li> <li>Schlüter®-BEKOTEC-THERM-VS distributing cabinet</li> <li>Schlüter®-BEKOTEC-THERM-E Electronic temperature control<br/>a) interior thermostat b) actuator c) control module</li> </ol> | <ol style="list-style-type: none"> <li>Schlüter®-DITRA uncoupling and heat distribution</li> <li>Schlüter®-DILEX maintenance free edge and movement joint</li> <li>Schlüter®-RONDEC or Schlüter®-QUADEC decorative finishing profiles for wall and skirting tiles</li> <li>Screed - Cement or gypsum based screed</li> <li>Tile adhesive</li> <li>Ceramic or stone tile covering</li> </ol> <p><b>Note:</b><br/>Other coverings such as carpet, laminates, and parquet are also possible in compliance with the applicable installation standards.</p> |
|---|--|

## INFORMATIVE.

For those who want to know more



Did we get you interested in the ceramic thermal comfort floor? Would you like to find out more? The fastest way to find out more is online.

Visit our website [www.bekotec-therm.co.uk](http://www.bekotec-therm.co.uk), which offers additional details at the click of a mouse.

If you need additional information, please contact the staff at an authorised dealer of Schlüter®-Systems. They will be able to give you specific advice and refer you to reliable contractors who will install the ceramic thermal comfort floor in your building project. Of course, you can always contact us directly as well, and we will be pleased to assist you.

Your authorised dealer:

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The ceramic thermal comfort floor  
*cosy simplicity*



▲ Environmentally friendly ▲ Comfortable ▲ Reliable

**Schlüter**  
Systems