



Ideal for renovation and rehabilitation

A perfect interaction with wooden constructions.

The system for heating and cooling down

Gentle radiant heat in winter.
Pleasant cool in summer.



Comfort through radiant heat and CLAY

Obtain the popular feel-good ambience.



Design possibilities through invisible wall integration

In bath-, bed- and living room; in ceiling, walls, floor or sloping roofs.



SIETHERM
W A N D H E I Z U N G



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HEAT

COOL

STRONG ARGUMENTS

- high energy efficiency - due to reduced flow temperature
- consistent temperature distribution
- comfort - with healthy thermal radiation
- clay coating for a pleasant interior climate
- fast noticeable heating effect
- no turbulence of dust
- reduced air circulation
- ideal for retrofitting
- fast and simple installation
- excellent sound insulation
- added value for your property
- marked pipe run
- possible combination with floor heating system
- possible application at dry constructions
- especially optimised for wooden constructions
- simple combination with solar panels and thermal pumps



Any questions?

We would be pleased to take some time for you within a personal consultation.

LEHMBAU Sieberer - Tel.: +43 (0)676 558 13 69

www.lehmbau-sieberer.at

WALL HEATING with CLAY

The innovative heating system for the ideal indoor climate.



HEATING, COOLING and DRY CONSTRUCTION

The **SIETHERM** wall heating offers heating und cooling all in one, within 3 different sizes with are installed as finished modules either on walls, ceilings or bevels.

Due to the large surface you obtain a pleasant thermal radiation, which can be compared with the experience of a tiled stove or sunrays – without air circulation and absolutely silent.

The installation of a **SIETHERM** wall heating system is very simple. Heating water flows through the pipes; clay plaster absorbs the heating energy, transforms it into radiation heat and dispenses it into the room. After only 10 minutes you will feel the warmth. The used wood fibre panels behind the wall heating pipes serve as thermal- and sound insulation.

SIETHERM is perfect for wooden constructions or the attic floor, but also for renovations and restructures of elderly houses. You can combine **SIETHERM** with other heating systems like floor heating or conventional radiators. Furthermore, you do not have to renounce on you design flexibility – with the help of thermal foil you can localize any water pipes. Screws, dowels and more can be attached easily.



prefabricated
MODULES



SIETHERM 100 - 60x100x4cm



SIETHERM 150 - 60x150x4cm



SIETHERM 200 - 60x200x4cm

EASY and EFFICIENT

Set up. Install. Connect pipes and coat with clay.

Depending on the underground, the modules are either clamped, screwed or glued. The piping system for heating/cooling is already integrated into the fibre plate. The modules only need to get connected. Afterwards, the wall is ready for the clay finish.

ECONOMICAL and ECO-FRIENDLY

SIETHERM is a low-temperature system and thus works not only energy-efficient and maintenance-free, but with the benefit of a distribution layer also creates a pleasant and healthy room climate.

You can combine our low-temperature-module with equally energy-efficient thermal pumps, solar- and biomass systems – economical and eco-friendly!

SIETHERM was tested after EN 1264 and offers an excellent price-performance ratio! For our modules we use solely 100% eco-friendly wood fibre panels.



WOOD FIBRE PANELS

Wood fibre panels are highly effective, ecological construction and insulation materials. Besides a broad range of application possibilities and protective functions against heat, cold and sound, the wood fibre panels convince especially through their environmentally friendly characteristics. The panels are 100% recyclable and compostable.

Rely on CONVINCING QUALITY

Wood fibre panels convince through their unique quality: pressure-resistance and flexural strength, security against fungal infestation, thermal storage, heat-insulation and sound insulation, diffusion assistance, hardly inflammable and a wide range of application possibilities.



DRY CONSTRUCTION with WOOD FIBRE PANELS

The ecological alternative to **PLASTERBOARD!**

CLAY and WOOD FIBRE PANELS

Both construction materials contain a lot of sorption capacity, which influences the interior climate. Since dry clay contains less moisture than wood, the clay deprives the given humidity of the surrounding wood and preserves it. Through this process, there is hardly any habitat for mould and pest infestation. Thus you obtain the popular **feel-good ambience**.



LEHMPUTZTECHNIKEN UM- & AUSBAUTEN

WÄRMEDÄMMSYSTEME

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