


CUSTOM-TAILORED PLANNING OF THE ENTIRE PROPERTY

Whether you plan to refurbish, renovate or build a new home – in close collaboration with you, we design the ideal heating system for your building project, based on electrical infrared surface heating!

Our V4heat heating system neither requires a tank for gas, oil or pellets nor installation of bulky radiators or a thick layer of floor screed. You decide where each room is heated: underfloor heating in the bathroom, ceiling heating above the desk in your home office and wall heating in the children's room – V4heat ensures maximum heating flexibility.

Integrated in your home automation system, you can also control the rooms with your smartphone or tablet while on the move.



COZY WARMTH
throughout your home

INTELLIGENT HEATING WITH INFRARED HEATING FABRIC

We all love that pleasant warm feeling when the sun shines. It only takes a little sunshine to create an instant feeling of warmth and comfort – even if the surrounding air is freezing cold!

This effect is triggered by the infrared rays emitted by the sun. It is precisely this natural principle, on which we modeled the development of the intelligent V4heat heating system!

Compared to traditional heating systems that heat the ambient air which subsequently heats the furniture, walls, and floors, infrared radiation has a direct and immediate warming impact on these objects and, of course, also the human body. The desired room temperature is reached in a significantly faster and more energy-efficient way.

In combination with a photovoltaic system and a suitable battery, this system enables you to largely reduce your heating expenses while contributing to the preservation of our environment.

V4heat GmbH | Bernecker Str. 8 | 95509 Marktschorgast
T +49 (0) 9227 77 0 | V4heat@vitrulan.com | www.vitrulan.com

A company of the Vitrulan Group
WEEE Reg. No. DE 37232844



UPGRADE YESTERDAY'S BUILDINGS WITH TOMORROW'S TECHNOLOGY!

Renovating an existing building fitted with individual fireplaces, electric storage heaters or an old central heating system can be particularly costly. Whether you opt for floor, wall, or ceiling heating, you can install your new heating system directly below the surface.

With less than 1 mm thickness it is incredibly thin. It can be embedded in all standard plaster coats or leveling compounds and offers unbeatable diffusion permeability, ensuring the walls remain "healthy".

Since the heating system weighs less than 250 g per square meter installed area, you don't have to worry about exceeding the ceiling load.

CUSTOMIZED CONCEPTS AND ALL-ROUND SERVICE

From concept to implementation, we help you realize your dream of a perfectly heated home. Working together with energy planners and photovoltaic specialists alike, we plan all projects in close cooperation with home owners, architects or building designers.

Whether you are a property developer or prefabricated house manufacturer, we will be happy to advise you in the areas of installation, design, system selection, compliance with national laws and regulations, and overall energy concept.

Our heating conception services include:

- | Heating load calculation
- | Room-specific planning
- | Composition of installation plans incl. appropriate dimensioning
- | Design of the electrical switchboard
- | Programming of the control software

SMARTER LIVING

With V4heat heating system solutions you are well equipped for the future!

Integrating it in your home automation system is of course easily possible. No matter if you are returning from your holidays or coming home from work earlier than usual: simply set the desired time and temperature using the smartphone app – when you walk through the door, you can enjoy the comfort of a warm home!

V4heat also works with Google Assistant, Amazon Alexa and Apple Homekit!

STATE-OF-THE-ART FUNCTIONALITY

V4heat surface heating is a reinforcement fabric made of glass fibers, which is also used for façade insulation or plaster reinforcement.

It can be embedded in a variety of materials and becomes invisible after installation in the wall, ceiling, or floor. Boilers, tanks, or disturbing radiators are a thing of the past.

The V4heat heating system is operated with safety extra-low voltage (SELV) DC. The voltage is safe to touch and does not produce any electric smog.

