

The logo for TerraCalor is a rectangular box with a red-to-white gradient. The word "TerraCalor" is written in a black, sans-serif font, centered within the box. The background of the entire slide is a dark blue field with a complex, glowing network of light blue and red lines, resembling a molecular or data network structure.

# TerraCalor

## TerraCalor – High Technology

"The Generations heating" – TerraCalor the sustainable, cost-effective heating system for everyone

20 year warranty – 10 year maintenance



## Terracalor – Installation in ceiling, wall, floor

Easy installation in ceiling, wall and floor by a painter, plasterer, floor layer, electrician, plumber.. For new construction and renovation, do two operations in one, cost-saving, less time-consuming, space-saving and better design.

**TerraCalor** is a surface heating system with which you can effectively equip your apartment, house, office, hotel. You can also use **TerraCalor** as an additional heater, simply install it where you need heat quickly at short notice. With **TerraCalor** you have a comfortable warmth within minutes and the heating is only in operation when you need. **TerraCalor** is the most effective electric heating system,

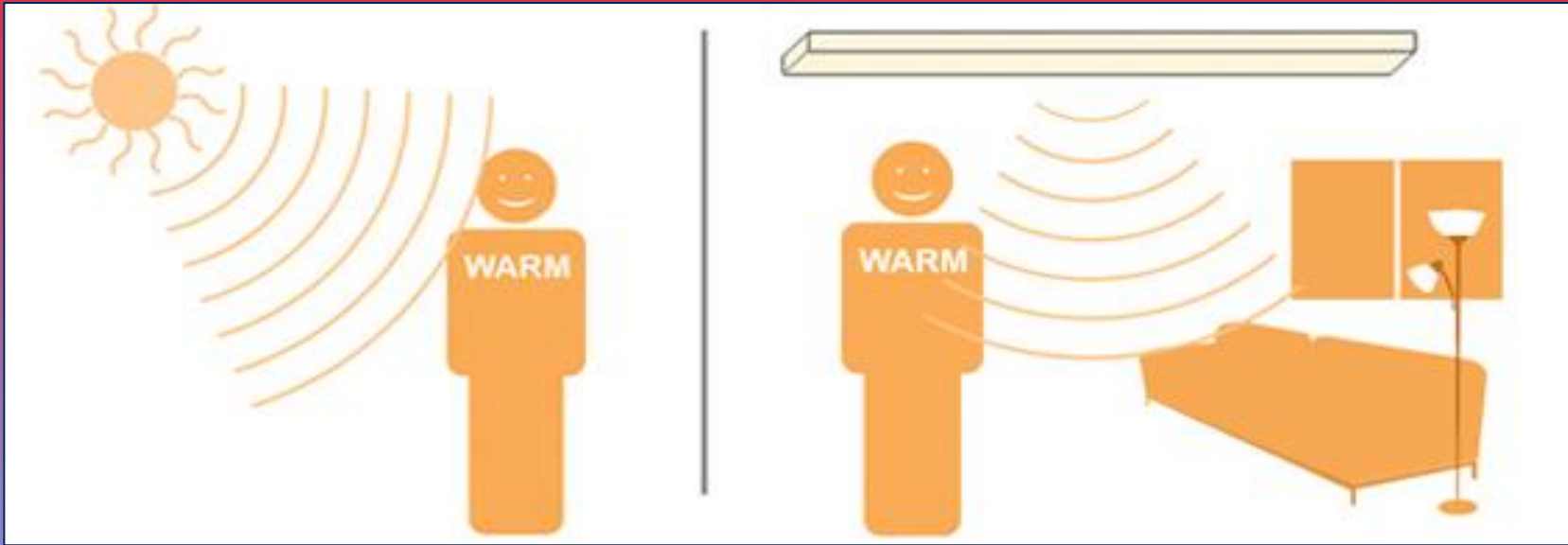


## Tips for Installation



In addition to the copper strips (electrical conductors), **TerraCalor** can be provided with holes, the heating effect is not lost, good for retrofitting lamps, sockets, pictures, etc. **TerraCalor** is a 36 volt system, so it can be installed by anyone, with a transformer system that is installed in or on the wall you can connect the heater directly to your power grid. With our Terra Power package, you can feed the heating directly into the grid via our 36V storage system.

# TerraCalor — INFRARED FUNCTION



**TerraCalor** is an efficient, sustainable, cost-effective surface or full heating system. But can also be used as an additional heater and for mould and moisture removal. **TerraCalor** is an infrared heater, it does not heat the air in the room but the objects (natural heat like the sun), this creates a healthy, well-feeling warmth. The heater can be installed with a normal thermostat, motion detector (When you enter the room you will feel the heat in a short time.). The control can be controlled manually or via an app, with our sensor technology heat is generated when you need it, preheating is not necessary.

The entire surface inside the heating foil heats up evenly and thus ensures a pleasant, warm room climate over the installed surface. Compared to other electric heating systems, the energy used is converted into heat without major losses, which makes the infrared heating film very efficient, and the feel-good effect should also be taken into account.

# ADVANTAGES TERRACALOR

- Lowest installation costs for new buildings, can be installed directly by the painter, floor layer, etc.
- Quick and simple solutions are possible for renovations, whether in walls, ceilings or floors
- No space required, resulting in much higher added value of your property
- TerraCalor requires up to 50% less energy for space heating than conventional heating systems
- Extremely efficient with our solar battery solution and unsurpassed in terms of operating costs
- There are no maintenance costs, we guarantee a 20-year warranty and 10-year maintenance-free for installation according to our specifications
- Fast, healthy, sustainable heat through infrared technology
- People with allergies, respiratory or bone problems experience an increased quality of life after a certain period of time
- The energy used is converted into heat without much loss compared to other electric heating systems, which makes the infrared heating film very efficient. The generated and harmless infrared radiation heats the objects directly, without causing any air turbulence
- Especially allergy sufferers, rheumatics and people with skin diseases will feel the special effect of infrared heating.
- **TerraCalor** is by far the most cost-effective heater on the market.
- According to the new heating law in UK, up to more than 40% of the costs are eligible for funding by RHI.

# WETTBEWERBSUMFELD – KOSTEN HEIZSYSTEME

«Calculation of an apartment with 120sqm (bathroom, kitchen, 2 x bedrooms, living room) in London» With **TerraCalor** you have no loss of space because the system can be installed in the ceiling, wall or floor without taking up any space. With this you already have big savings because no extra space is lost for tank, pellets, heating, radiators. TerraCalor in combination with solar and thermal technology is the most sensible type of heating of the future, sustainable and cost-effective. However, a well-insulated property is a prerequisite for all types of heating in today's world.

Heating capacity at 120 sqm, we calculate with 100W per sqm so we have an output of 14KW/h. Is the same value for all heaters, **TerraCalor** works with sensor technology and thus a fast heat is possible, especially useful in rooms that are rarely used. The short heating phase is also an advantage over other electric heaters such as heat pumps.

Heating technology / min. Space consumption per unit	Acquisition costs incl. assembly	Operating costs per year / oil, gas, electricity, timber	Maintenance costs over 10 years / repairs / chimney sweeps / etc.	Space requirement € 7,000.00 per sqm	Total cost over 10 years
Oil heating / 8sqm	17.500,00	1.960,00	3.000,00	56.000,00	59.000,00
Pellet heating / 8sqm	19.000,00	1.880,00	4.000,00	56.000,00	97.800,00
Gas heating / 6sqm	19.000,00	1.820,00	3.500,00	42.000,00	82.700,00
Heat pump / 5sqm	18.000,00	1.870,00	3.800,00	35.000,00	75.500,00
<b>TerraCalor</b> / 0qm	13.800,00	2.100,00	0,00	0,00	34.800,00

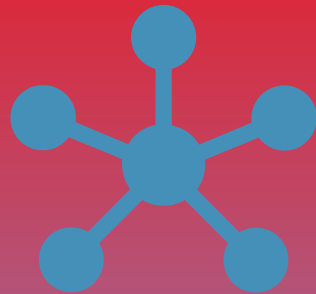
The data is from January 2023, however, electricity, oil, gas and pellet prices have all risen. For our heating, we expected a price of 30 cents per kWh.

# TerraCalor - Efficiency

With **TerraCalor** you can optimize your heating costs, e.g. in a bedroom (**TerraCalor** ceiling installation) our heater can only be installed above the bed area, so you have a pleasant warmth in exactly this area, this is also possible in the kitchen, living room, bathroom. With this application you can save up to 30% on electricity costs, but you have to like this and also accept that it can be a little fresher where the heating is not installed, this solution can bring advantages especially for commercial purposes.

With **TerraCalor** sensor technology you can adjust your heating optimally, you enter a room and the heating is activated, within a short time you feel the comfortable warmth, the heating can also be programmed to different temperatures, just like any conventional heater. If you want, you can also control your heating via an app on your phone. We already have commercial solutions for offices or hotels, just ask our team, we will be happy to help.

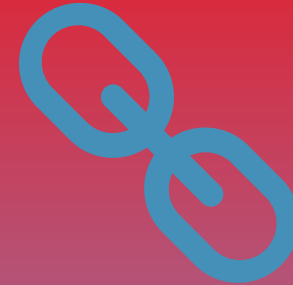




**TerraCalor**



Internet



Handy o. Computer

**TerraCalor** is a highly intelligent heating system and we are continuing to work on optimising the heating processes. With our system, you can control your heating optimally and very easily. In the future, we will use AI technology to ensure that your apartment, building, company, hotel, etc. can be heated efficiently and comfortably.

**TECHNICAL REQUIREMENTS FOR OPTIMIZED HEATING RESULTS**



# TerraCalor – Mold / Wetness

**TerraCalor** can be optimally used for mould and moisture control. Infested areas can be permanently drained, mold can be eliminated in the long run. Mould growth can be found wherever the conditions are met: moisture, heat, poor insulation and lack of oxygen supply. Mould often develops in wet areas, in living rooms such as the bedroom due to excess moisture from sweat and breath, as well as in cold or poorly insulated rooms, where warm air enters and cools down. But too much insulation with improper ventilation also makes rooms susceptible to mold. In the process, the air releases its moisture into the room, causing it to condense, especially in cooler areas on the wall or ceiling and increasingly in the colder corners. The surfaces and walls in the room made of materials such as wallpaper, plaster or wood then provide a good breeding ground for stubborn mould. In addition to commercially available remedies, it is recommended to combat the real cause of mold. Ideally, you should work with preventive techniques to prevent mold from developing in the first place. Since you can't do without oxygen and heat in your living space, you have to focus on avoiding moisture and condensation in the affected areas and ventilating or ventilating them with the right technology. Once mold is present in the house, often only a renovation of the area helps to regain a flawless and uncontaminated living space. For this reason, more and more consumers are choosing to use infrared heating against mould as a preventive measure, which creates a better indoor climate and more pleasant indoor air. The ultra-flat, electric wall heater keeps all surfaces and walls in the home permanently warm and dry with its direct heat waves. TerraCalor Ideal to counteract mould growth and make living space habitable again.

# TerraCalor – MOLD / WETNESS

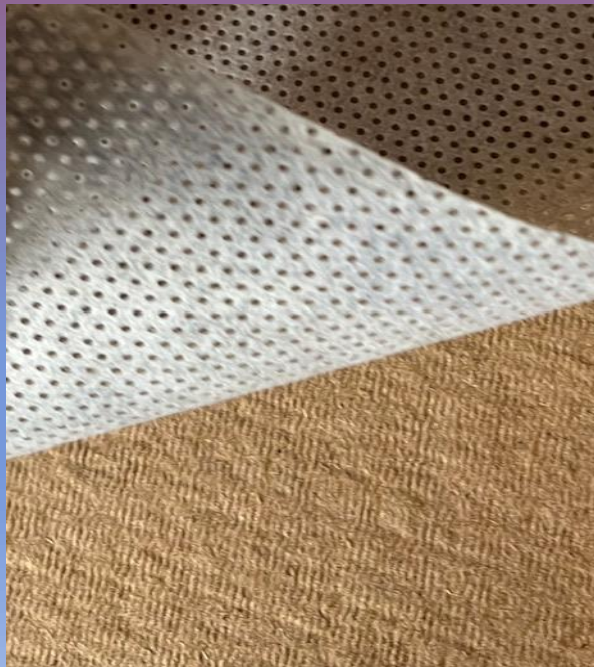


With **TerraCalor** you can eliminate mold and moisture in the long term and make your living space livable again.

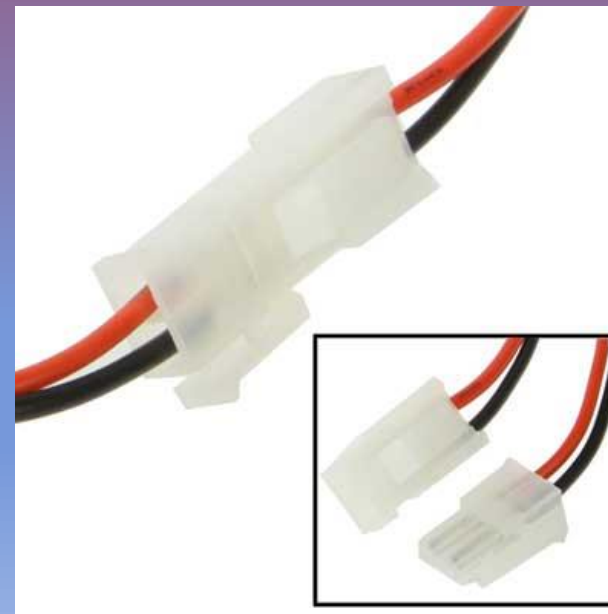
# TerraXtherm – NEWS NEWS NEWS

**TerraXtherm** – heating and insulation combined, here we have developed a truly market novelty (own patent), the best insulation and heating values for residential and commercial heating solutions. Our TerraCalor technology combined with insulation technology and vapour barrier for quick installation. The structure is available in different thicknesses 6mm – 240mm and insulation values, our expert advisors will be happy to provide information, the price is also unbeatable, installation is easy and safe.

The system can be installed in any room, with our 36V system anyone can install **TerraCalor**, to connect to the mains you need an electrician (**TerraCalor** will be happy to help you with this). Here, too, we offer our customers a warranty of up to 20 years.



**TerraCalor – TerraXtherm** mounted directly on a soft wood fibre board (example of insulation), different sizes, suitable for any room. The panels can be mounted, floating, glued or screwed, easy handling guaranteed. Drilling can also be carried out in the area without affecting the calorific value.



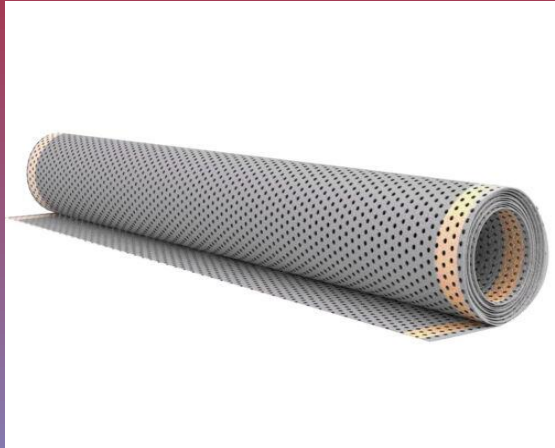
**TerraCalor** wird mit einem einfachen Stecksystem verbunden. Einfache Handhabung für jeden, da 36V Niedrigenergiesystem. Die Kabeln können in der Isolierung gut verarbeitet werden.



# TerraCalor - PITCURES



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# TerraCalor

THANK YOU  
VERY MUCH

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