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WALL-CEILING. HEATING-COOLING. PLASTER.
The EasyFlexWall. The EasyFlexCeiling. The SystemWall.



VIDEO

www.variotherm.com

VARIOTHERM

Heating and cooling in a single system.
Invisible. Silent. Energy efficient.
Cosiness you can feel, like the warmth
from the sun!

THE THREE. INGENIOUS. PROPERTIES.

THE PROVEN PRODUCT

Developed 30 years ago, the Variotherm SystemWall has stood the test of time. Its popularity is due to the fact that the SystemWall forms a complete system with all components optimally geared to each other. This guarantees optimum heat transfer and a maximum range of functions.

1

THE WALL TO COSY UP TO

The Variotherm EasyFlexWall and SystemWall combine heating and cooling in a single system. In cold weather, they emit a wonderfully cosy radiant heat. On hot days, the room temperature is kept at a comfortably level using cold water circulation. Hidden invisibly underneath the plaster. Cosiness you can feel. Highly attractive for anyone who loves great design!

2

THE FLEXIBLE WALL

Our extremely flexible EasyFlexCeiling is used for plastered interior finishing. Variable pipe spacing ensures that our tailor-made cooling ceilings deliver top performance. Healthy air-conditioned rooms without disturbing forced air!

3





PLASTERED WALL. HEATING AND COOLING.

ENERGY SAVING EVERYWHERE

Variotherm is regarded as one of the leading pioneers in Europe in the area of surface heating and surface cooling systems. The energy saving low temperature system has been thought through down to the smallest detail, and has been tested and proven in installations, from Norway to southern Spain.



EASYFLEX-CEILING



EASYFLEXWALL

PERFECT IN COMBINATION

Sustainable. Environmentally friendly. The EasyFlexWall/Ceiling and the SystemWall are extremely efficient low temperature systems which can also be perfectly combined with energy saving technologies such as heat pumps, solar or biomass plants.

FLEXIBLE DESIGNED

In plastered interiors, EasyFlexWall/Ceiling and SystemWall allow you to implement your design ideas with maximum flexibility. Turn niches, cosy walls and designer furnishing into oases of comfort – the favourite spot in your home.

EVERYWHERE. PERFECT.
FLEXIBLE DESIGN
OPTIONS.

SYSTEMWALL





Rooms maintained at a comfortable temperature all year round. The Variotherm EasyFlexWall/Ceiling and SystemWall heating/cooling systems are complete systems for plastered interiors that are perfectly designed down to the smallest detail.



Perfect for living rooms, bathrooms, offices, public buildings, shops, hotels, restaurants and kindergartens. Also ideal for renovating listed historic masonry.



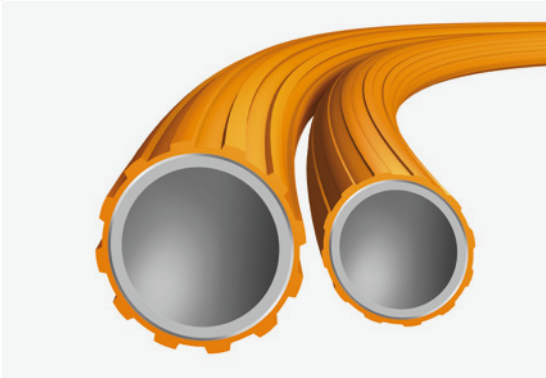
Flexible in its design and easy to place. Both large and small surface areas can be efficiently used.





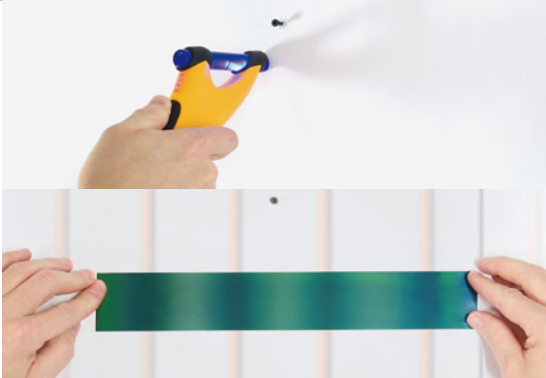
With the mounting system developed by Variotherm, installers can complete assembly quickly.

VarioProFile pipe 16 x 2 Laser and VarioProFile pipe 11.6 x 1.5 Laser with **profiled surface** for optimised heat transfer.



Hang up pictures? The pipes are easy to locate with the Variotherm pipe locator or using thermofoil.

The room thermostats series guarantee simple, fast regulation of the room temperature.



EVERYTHING. YOU NEED.

All Variotherm heating/cooling manifolds are fully assembled and pressure tested.





TECHNICAL PROPERTIES. TYPES. DETAILS.

EASYFLEX WALL & EASYFLEX CEILING

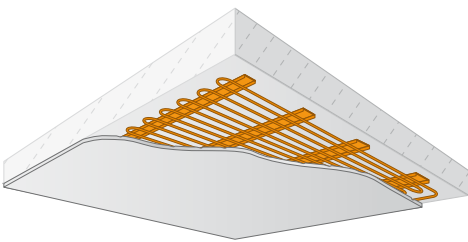
The EasyFlexWall/Ceiling is characterized by its slim design with close pipe spacing from 77 mm to 115 mm, both as a high performance wall heating or wall cooling system. It is simple to install and easily adaptable to round or complex shapes. Small and large surfaces can be optimally heated and cooled. This makes the EasyFlexWall/Ceiling ideal for heating/cooling in living areas, as well as for specially designed heated surfaces such as cosy walls or centrally heated tiled stoves.

SYSTEM WALL

A real classic among the Variotherm heating and cooling systems! Perfect synergy between all components ensures optimum heating and cooling performance. System Wall has been tested and approved by the Austrian Institute for Healthy and Ecological Building. Over large surfaces, the SystemWall can be operated at the minimum hot water temperature. This saves energy. On hot days it operates in an ecologically efficient way and cools rooms silently and without conventional forced air systems.



EasyFlexCeiling

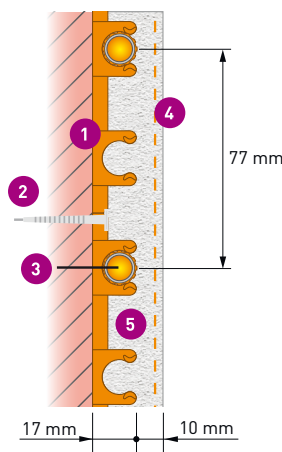
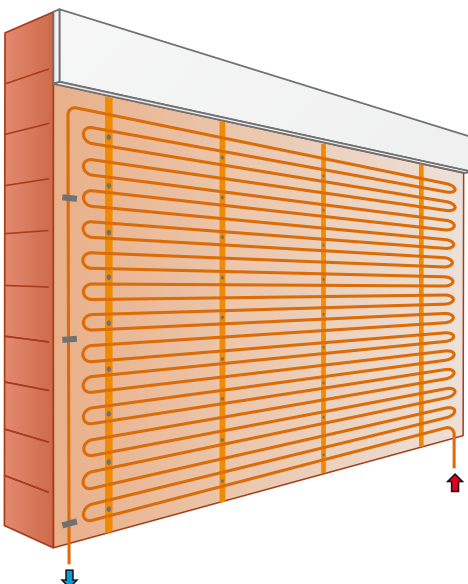


EasyFlex wall & EasyFlex ceiling

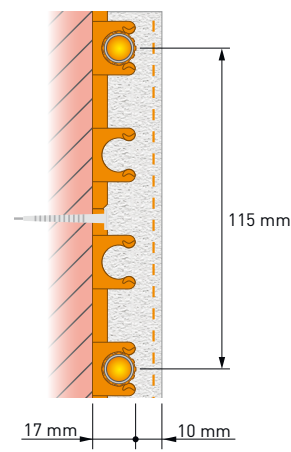
The high-performance wall heating/cooling system with a system depth of only 17 mm, which is so easy to install.

- 1 VarioBar 11.6/77
- 2 Fastening with nail anchors
- 3 VarioProFile pipe 11.6 x 1.5 Laser
- 4 Plaster lattice (provided by customer)
- 5 Plaster (provided by customer)
- 6 Ceramic cladding (provided by customer)

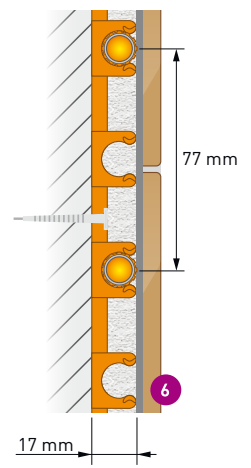
EasyFlexWall



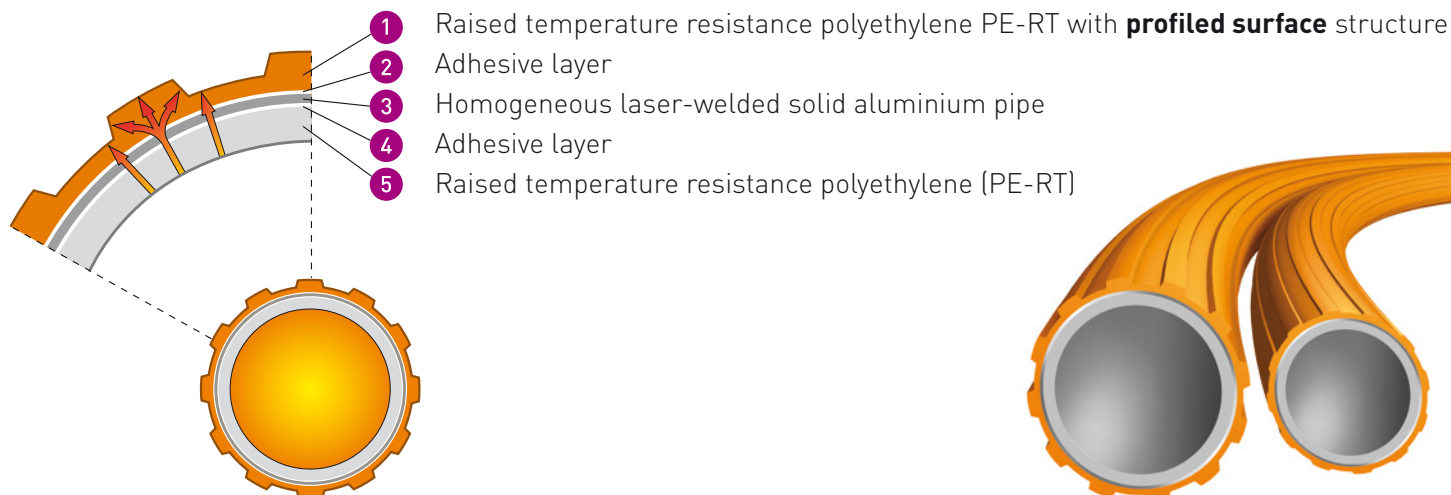
EWHK77/EDKH77



EWHK115/EDKH115



VARIOPROFILE PIPE 16 x 2 and 11.6 x 1.5 LASER



ADVANTAGES

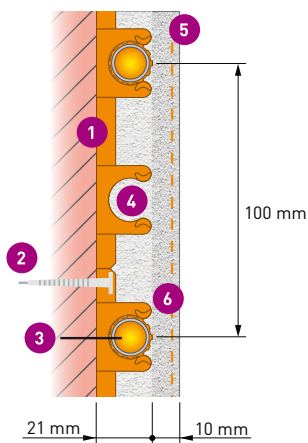
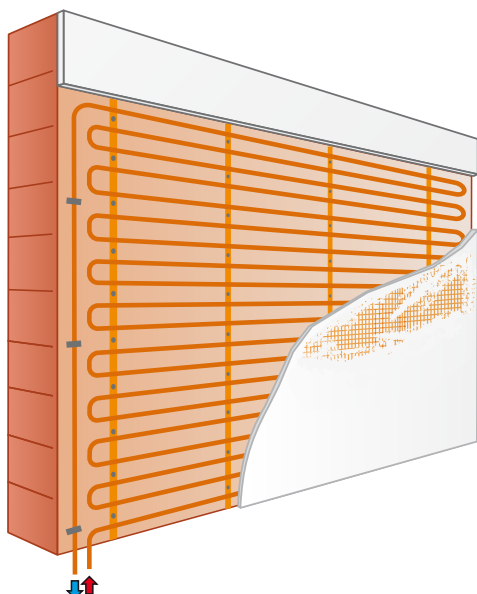
- Optimised heat transfer through up to 10% or 15% larger surface
- First-class plaster adhesion
- Flexible, easy to bend, extremely good hydrostatic stability
- 100% oxygen diffusion-tight
- Fully corrosion-free
- Lower linear coefficient of expansion
- 10 year guarantee with certificate
- Tested as per En 21003 (IMA Dresden)



COMPONENTS. TOOLS.

- 1 VarioBar 16/100
- 2 Bending model 11.6/77 | 11.6/115 | 16/100
- 3 EcoHeatingPlaster
- 4 Calibration and chamfering tool

SystemWall



System wall

System depth 21 mm

- 1 VarioBar 16/100
- 2 Fastening with nail anchors
- 3 VarioProFile pipe 16 x 2 Laser
- 4 EcoHeatingPlaster for SWHC2
- 5 Plaster lattice
- 6 Final plaster (provided by customer)

SWHK2/SWHK3

SIMPLY. QUICKLY. INSTALLED.

THE SUBSTRUCTURE

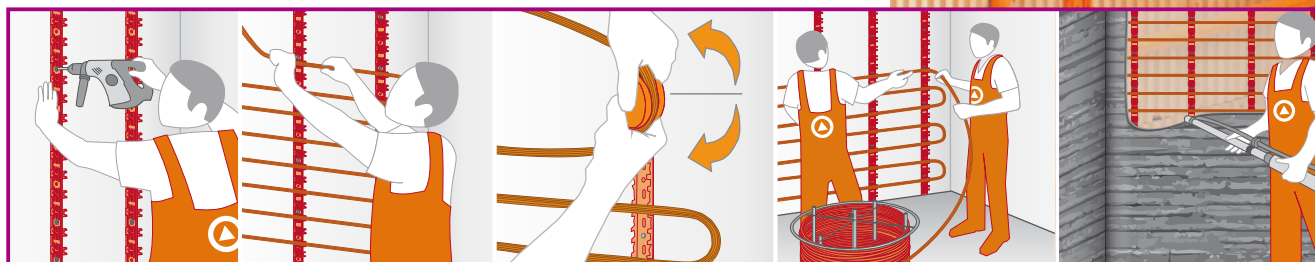
Bricks, porous concrete, clay plaster – anything is possible. The VarioBars are attached to the wall. Thanks to the specially designed click technology, the VarioBars can be extended as required.

1

THE VARIOPROFILE PIPE INSTALLATION

The VarioProFile 16 x 2 Laser and 11.6 x 1.5 Laser pipes developed by Variotherm are flexible, multilayer, easy to bend and with a stable form. Working with the pipe decoiler makes installation easy and possible for one person. The VarioProFile pipe simply slots into the VarioBars. All this makes installation easy!

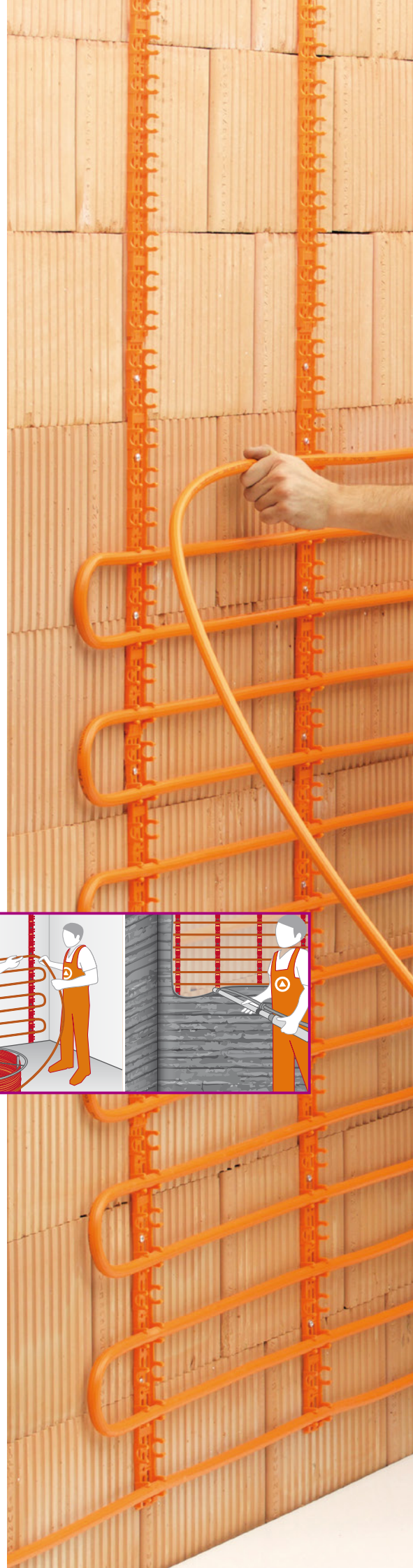
2



FINAL INSTALLATION

Apply the Variotherm EcoHeatingPlaster either by machine or manually. The profiled pipe guarantees optimum plaster adhesion, while at the same time increasing the heat transfer. In general, any plaster can be applied which is suitable for wall heating and cooling. The biological Variotherm EcoHeatingPlaster is ideal due to its high thermal conductivity, vapour permeability and healthy building characteristics.

3





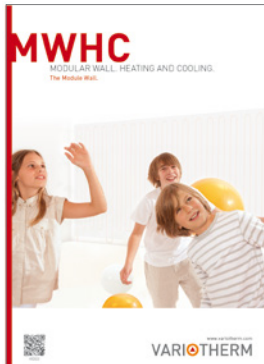
PLASTERED WALL. HEATING AND COOLING.

PIPE REEL

STRONG. ARGUMENTS. GUARANTEED.

- Proven surface heating/cooling systems for plastered walls
- Low temperature energy saving heating system
- Silent energy saving cooling system without forced air
- VarioProFile pipes with 10% to 15% greater surface area than smooth pipes provide optimal heat transfer and plaster adhesion
- Complete slim profile system instead of individual components
- Excellent price/performance ratio
- The SystemWall has been awarded the IBO quality seal by the Austrian Institute for Healthy and Ecological Building
- 10 year guarantee

ALSO AVAILABLE FROM VARIO THERM



MODULAR WALL.
HEATING AND COOLING.



MODULAR.
FLOOR HEATING.
20 mm.



SCREED.
FLOOR HEATING.
SYSTEMS.



MODULAR.
CEILING COOLING.
CEILING HEATING.

YOUR VARIO THERM PARTNER



VARIO THERM HEIZSYSTEME GMBH

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