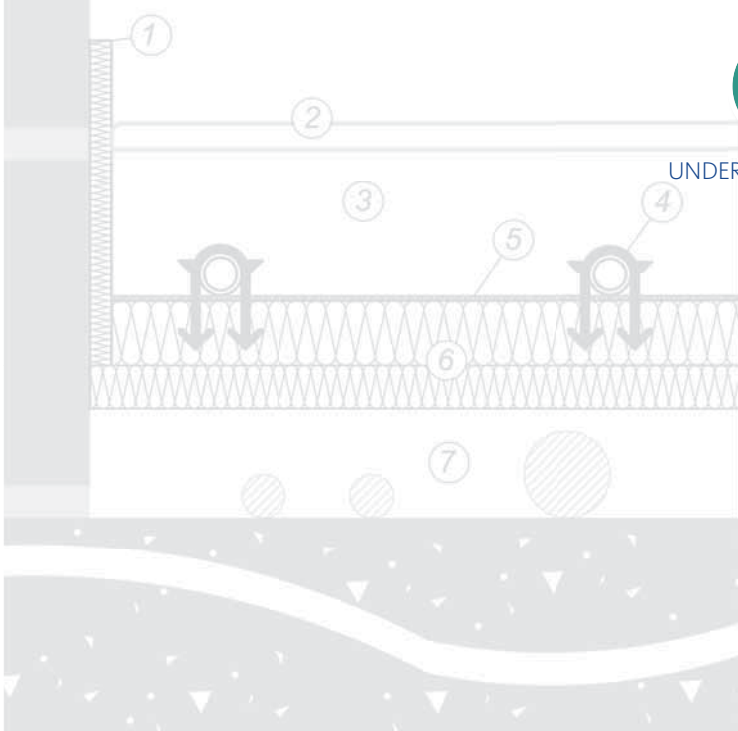


# HENCOFLOOR TACKER



UNDERFLOOR HEATING



FLOOR



## Why Hencofloor?

Hencofloor offers a comprehensive range of high-quality products, spearheaded by the Henco multilayer pipe.

The installation of a long-lasting high-quality pipe is of the utmost importance for an underfloor heating system. After all, it is expensive to replace the piping system.

In addition to this range of top-class products, Hencofloor boasts an experienced and customer-friendly design office, guaranteeing the necessary support on all levels.

- ▶ Expert technical advice
- ▶ Detailed scale plans for the installation
- ▶ Technical file, complete underfloor heating calculation
- ▶ Own engineering insurance
- ▶ Close follow-up in consultation with all the parties involved

All this makes Hencofloor the best partner for your underfloor heating project.

## Advantages of underfloor heating

- ▶ The ideal combination with energy-efficient heating applications, such as e.g. heat pumps, solar boilers, ...
- ▶ A significant energy cost reduction compared to other heating systems
- ▶ The agreeable warmth perfectly meets human needs
- ▶ Radiators are superfluous, as a result of which the room can be fully used
- ▶ Unaesthetic heating elements are thing of the past
- ▶ Unhygienic dust cannot accumulate anywhere, unlike conventional heating.



## Henco multilayer pipe

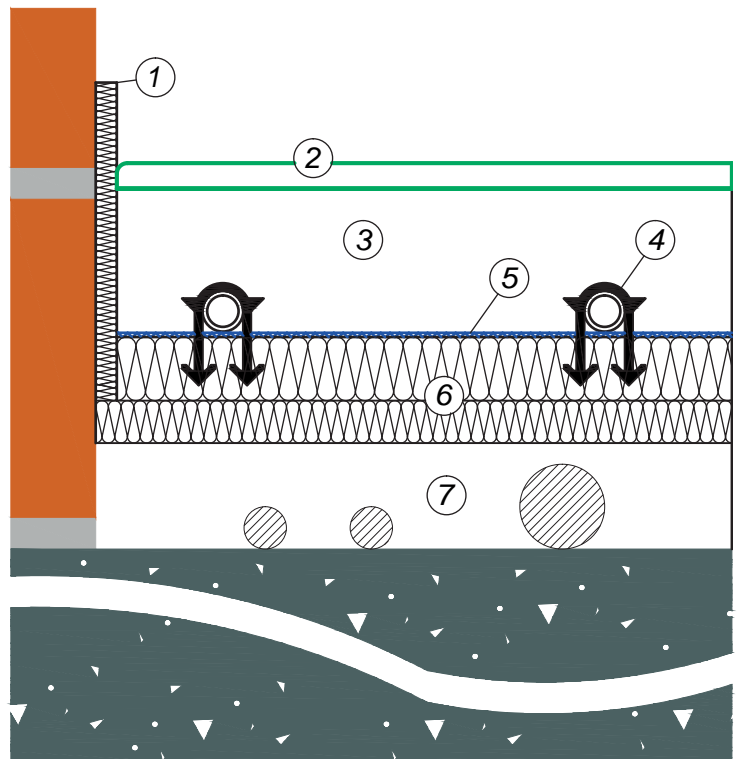


### The HENCO multilayer pipe has all the advantages of metal and plastic

- ▶ Seamlessly butt-welded aluminium pipe
- ▶ 100% oxygen-tight
- ▶ Limited linear expansion coefficient, like metal
- ▶ Completely resistant to corrosion and chemical and electrochemical influences
- ▶ Sound-damping, like plastic pipes
- ▶ Inner and outer pipes made from cross-linked polyethylene
- ▶ High pressure and temperature resistance
- ▶ Smooth surface – limited pressure loss
- ▶ As light as plastic pipes
- ▶ Flexible, easy to bend, even at low temperatures, retains its curved shape

## Hencofloor tacker system

This is an underfloor heating system in which the pipe is held in place by means of tacker staples. This is a system commonly used to install underfloor heating on large surfaces. The corresponding tacker stapling device must be used to apply tacker staples. On average 3 tacker staples are used per one metre of pipe. The length of the tacker staple depends on the underlying insulation thickness.

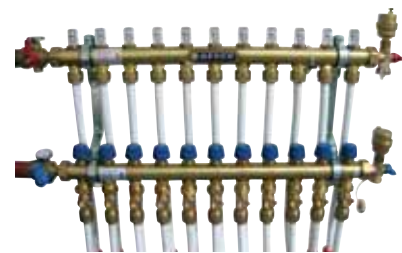


- |   |  |   |                       |
|---|--|---|-----------------------|
| 1 | Edge insulation                            | 5 | Vapour barrier        |
| 2 | Floor finish                               | 6 | Flat insulation board |
| 3 | Screed                                     | 7 | Concrete slab         |
| 4 | Underfloor heating pipe with tacker staple |   |                       |

## Hencofloor tacker system components

ARTICLE NUMBER	DESCRIPTION
UFH-TACK-40	tacker staple 40 mm (pipe diam. 16, 17, 18, 20 mm)
UFH-TACK-60	tacker staple 60 mm (pipe diam. 16, 17, 18, 20 mm)
UFH-TACK-38	tacker staple 38 mm (pipe diam. 16 mm), (CLIPQ-20.....60)
UFH-ISO20	flat insulation board of 20 mm (CLIP-20.....60)
UFH-ISO30	flat insulation board of 30 mm (CLIP-20.....60)
UFH-TACK-KLS	folding insulation set
UFH-TACK-ROL	insulation on roll
UFH-SCOTCH-66	adhesive tape for folding insulation and insulation on roll
UFH-FOIL-R5050	PE foil with grid marking
UFH-FOIL-CLIP25	foil nail
UFH-ISOBBOARD	edge insulation
UFH-DH40	joint protection sleeve
UFH-ADN10	additive for sand-cement screed
UFH-DP200	expansion joint
UFH-PLUG80	assembly plug for flat insulation board

## Hencofloor manifolds



## Hencofloor control units



DESCRIPTION	UFH-ISO-20	UFH-ISO-30
Board size (mm)	1000 X 500	1000 X 500
Insulation thickness (mm)	20	30
Quality type	EPS 150	EPS 150
Flexural strength (kPa)	200	200
Compression strength 10% deformation (kPa)	150	150
Compression strength 3% deformation (kPa)	50	50
Compression strength max. 2% deformation (kPa)	40	40
Specific heat according to DIN 4108 (J/kg.K)	1470	1470
E-modulus according to DIN 53457 (kPa)	8000	8000
Temperature resistance (°C)	80	80
Water absorption cube 5/5/5 - 7 days	2,2 % VOL	2,2 % VOL
Water absorption cube 5/5/5 - 1 year (DIN 53457)	3,8 % VOL	3,8 % VOL
Density (kg/m³)	25	25
Thermal resistance (m²K/W)	0,55	0,85
Max. pressure load (kg/m²)	4000	4000
Packaging (pc.)	30	20

## Hencofloor systems



### Tacker CLIP

system with tacker staples



### System plate PRO

pre-formed system plates



### Mounting profile U

system with mounting profiles



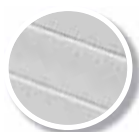
### MAZE steel mesh

system with steel meshes



### OMEGA dry system

system for floor element construction



### RENO12

system for low construction heights

CLIP

CLIP - 40

CLIP - 20

CLIP - 50

CLIP - 30

CLIP - 60

## Warranty

Henco has been awarded more than 50 quality certificates by renowned institutes all over the world. These certificates underpin the 10-year warranty included in every Hencofloor underfloor heating.

