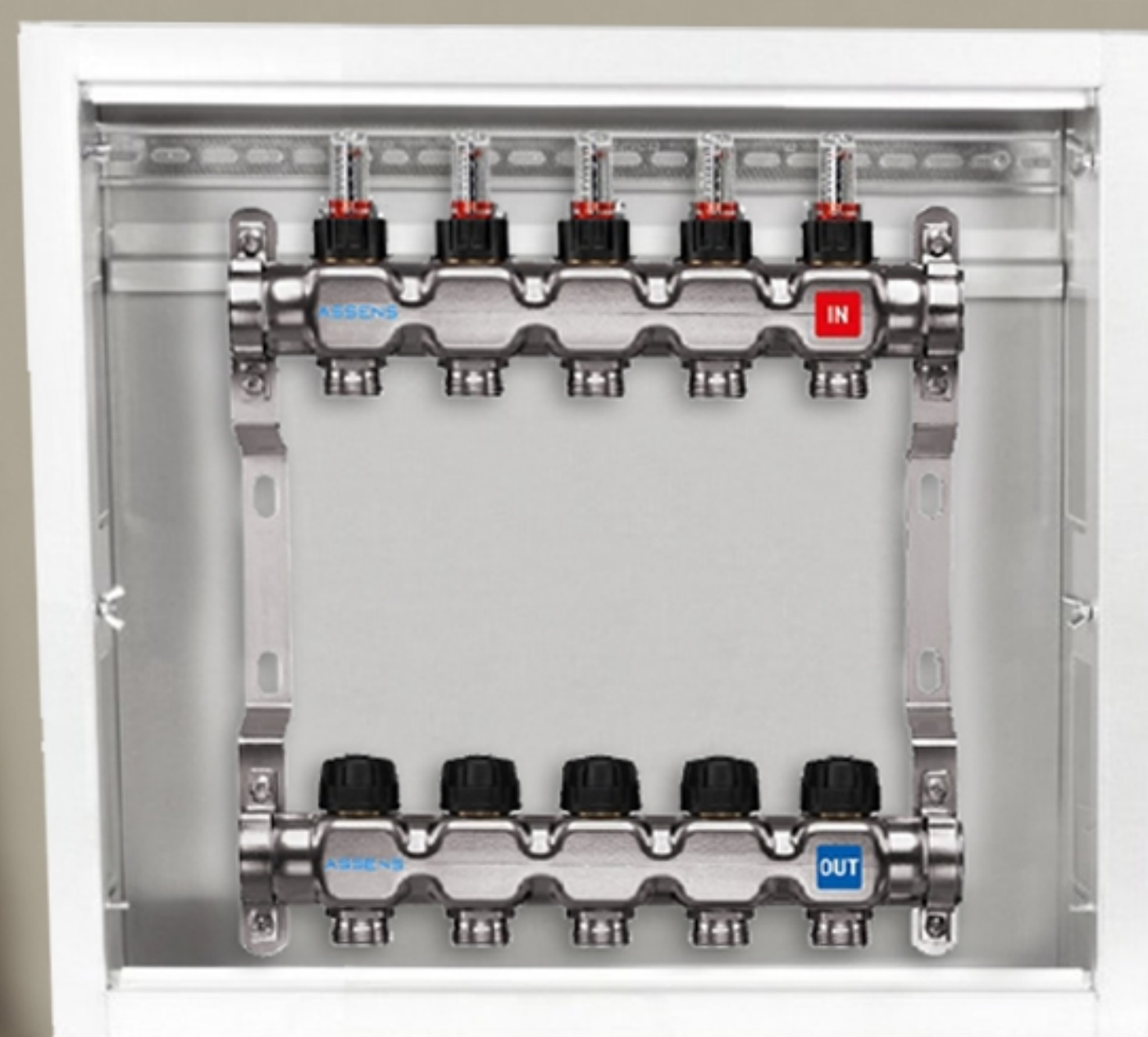


# ASSENS

*Listen to your senses*



## BUYER'S GUIDE

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# 2024

[WWW.ASENS.RO](http://WWW.ASENS.RO)



## WHO IS ASSENS?

ASSENS was created with the vision of offering heating, cooling and water supply solutions that are reliable and efficient but also accessible to everyone.

Years of experience in the industry have helped us understand the importance of maintaining a comfortable indoor environment, whether at home or at work.

Our team is constantly working to innovate and improve our products, ensuring they meet the highest standards of quality and performance.

### ASSENS presence in the world:



### Our Commitment:

- **Quality:** We use high quality materials and the latest technologies to provide products that stand the test of time.
- **Accessibility:** Our goal is to provide high-quality solutions and products accessible to everyone, without the need for compromise.
- **Trust:** We prioritize the needs of our partners and strive to exceed their expectations with every product we offer.

## Content



## UNDERFLOOR HEATING

In their current configuration, underfloor heating systems appear at the beginning of the 20th century. The English professor Baker is the first to obtain a patent entitled "System of heating premises with hot water carried through pipes under the floor".

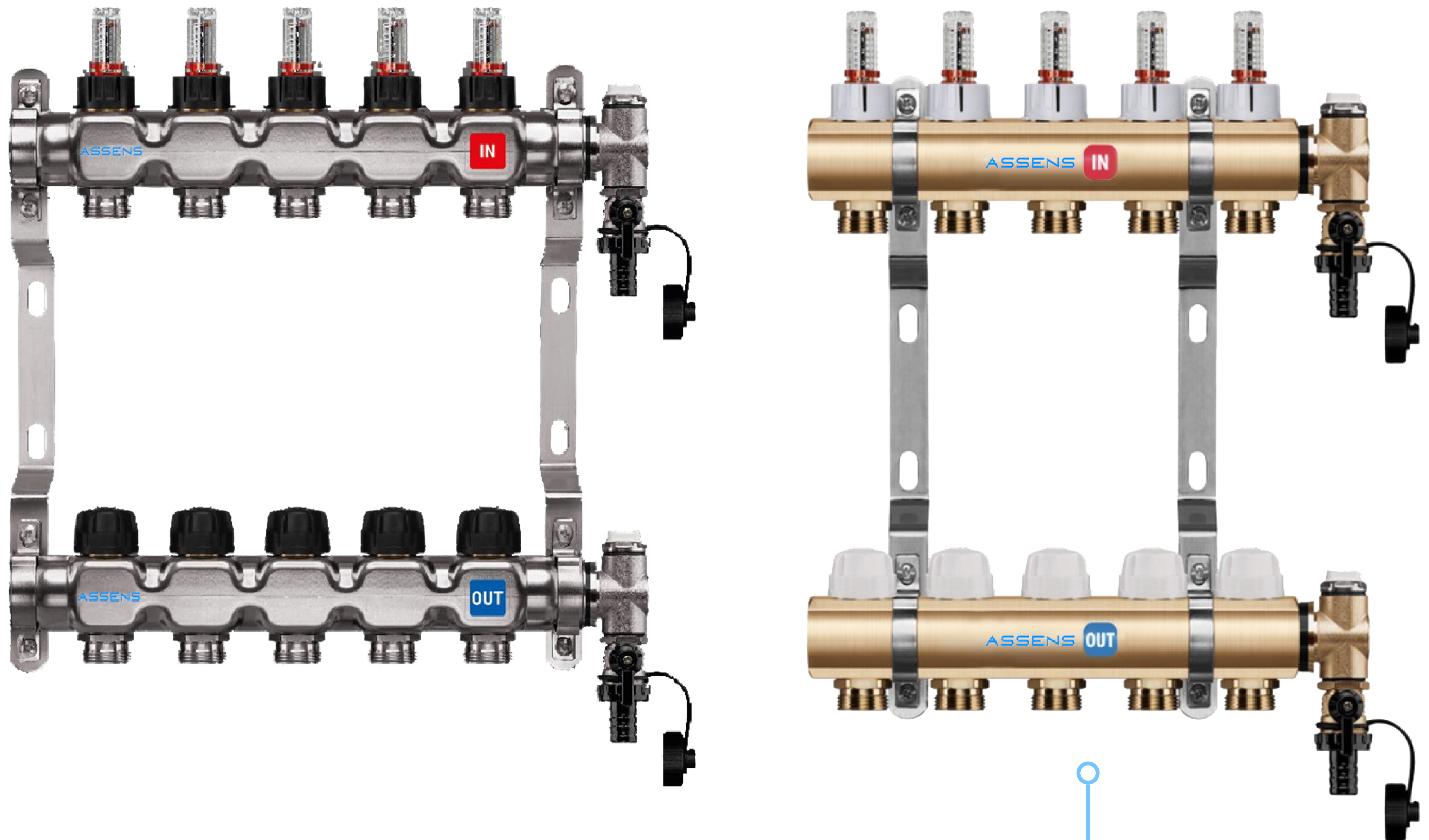
The actual development of the system takes place immediately after World War II, with the reconstruction campaign in Europe.



### The most important benefits of underfloor heating are the following:

- Provides comfortable and even warmth underfoot, eliminating cold spots and drafts
- It operates at a lower temperature than traditional radiators, reducing energy consumption and utility bills.
- It is more hygienic as it prevents dust mites and mold growth
- It saves space and allows more flexibility in furniture placement as there are no radiators on the walls.
- Can be used with most floor surfaces and divided into zones for increased comfort.





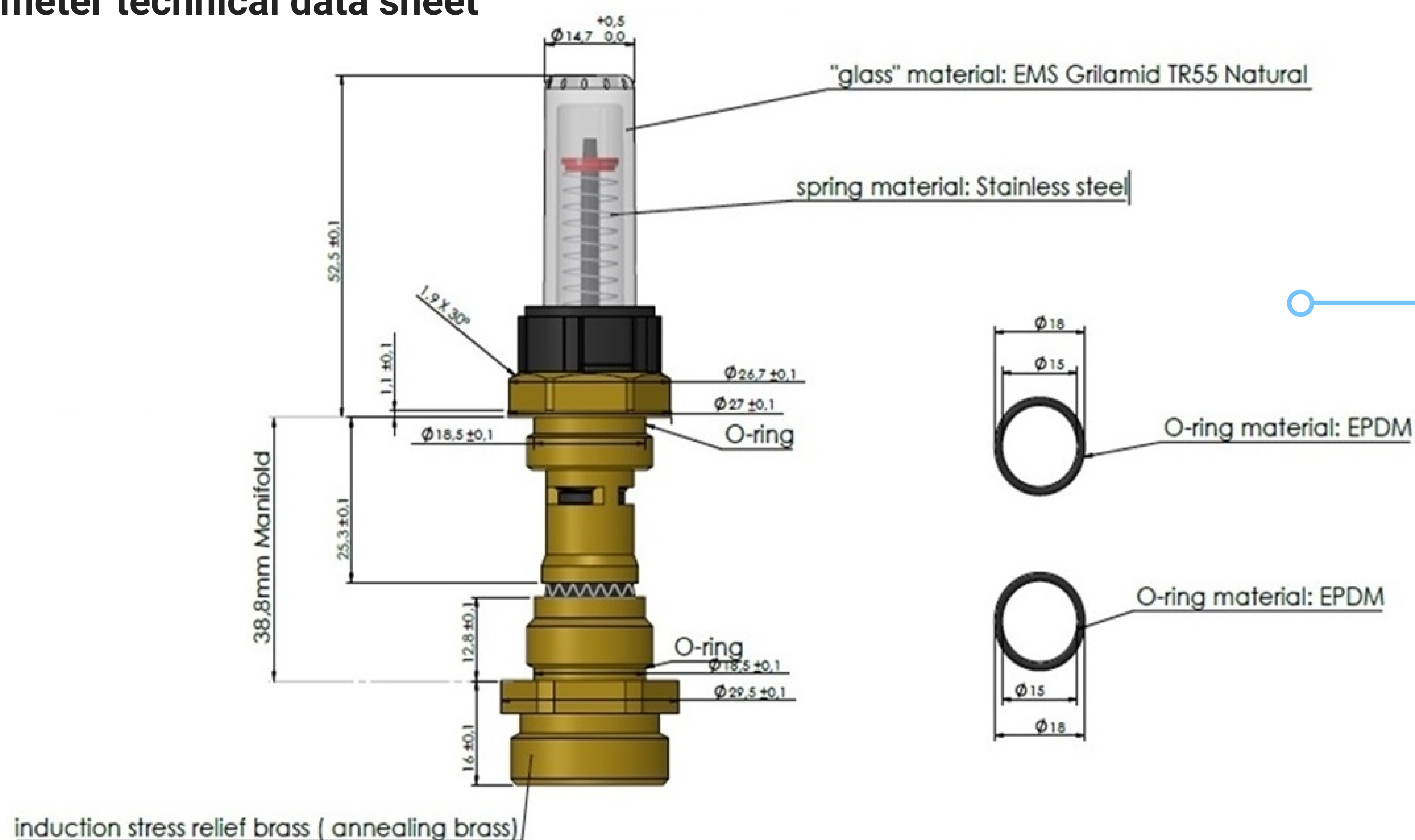
## UNDERFLOOR HEATING SYSTEM MANIFOLDS

A manifold for underfloor heating system is among the most important element of the entire system. It is a multi-functional alternative that helps to perform the assembly steps efficiently. Its main role is to control temperature, flow and implicitly to reduce maintenance costs.

**Flow meter glass material:** natural EMS Grilamid TR55 that offers UV and LX protection

**Flow meter spring material:** stainless steel

### Flowmeter technical data sheet





## HYDROFORMED STAINLESS STEEL MANIFOLD

The pre-assembled 250 MPa hydroformed stainless steel manifold consists of a supply bar and a return bar with 1" internal thread. The supply bar and return bar are mounted with a sound-absorbing element on the brackets.

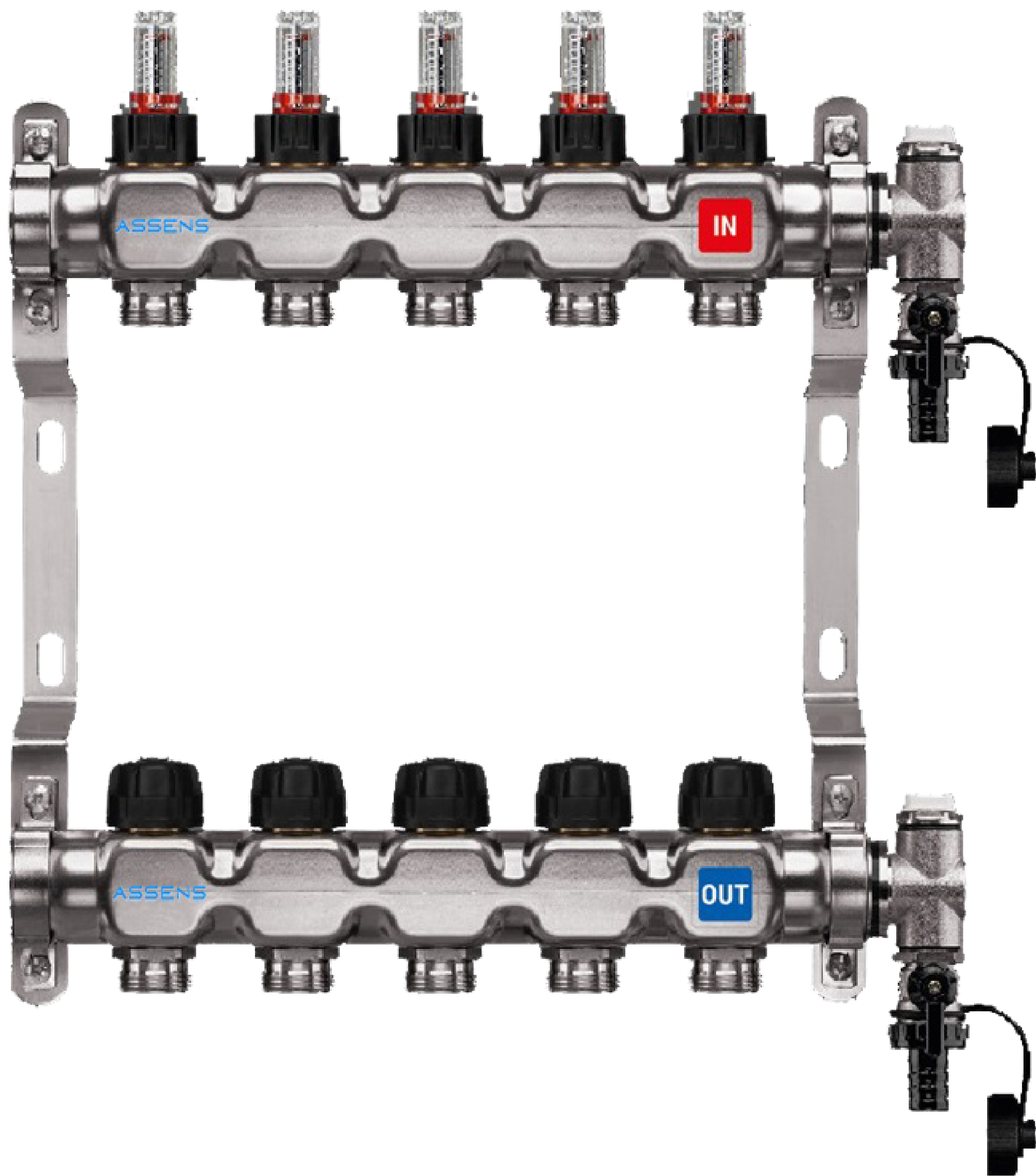
### The supply bar contains:

- flow regulators (displayed value 0 - 5l/min) for accurate flow regulation without tools. The flow volume can be read through the transparent inspection glass,
- 2 to 12 nickel-plated outlets with 3/4" euroconus thread
- 1 set of nickel plated 1/2" fill/drain valves with manual air vent.

### The return bar contains:

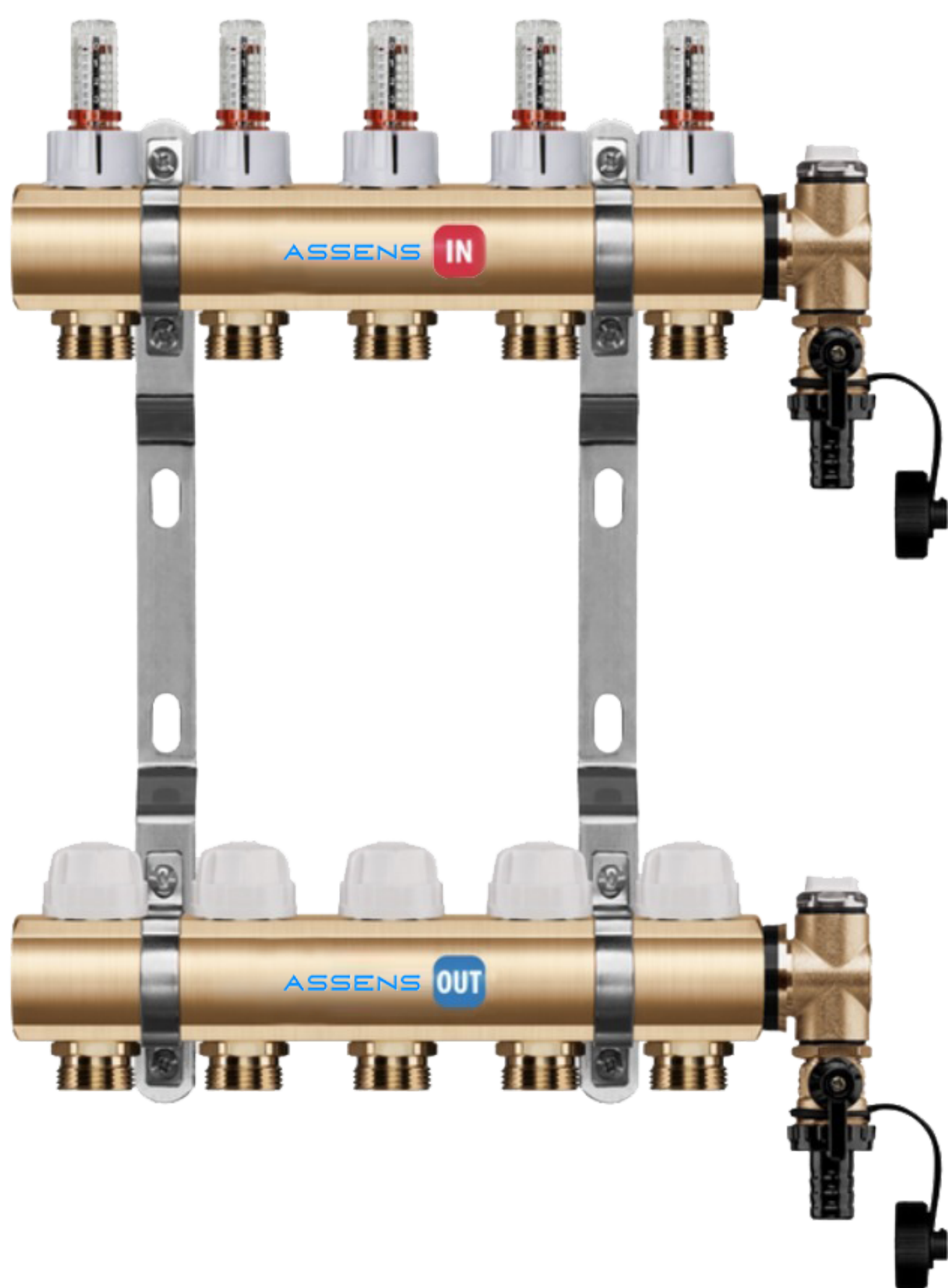
- thermostatic valves for actuators (M30 x 1.5mm, valve stroke 2.9mm) with protective caps,
- 2 to 12 nickel-plated outlets with 3/4" euroconus thread
- 1 set of nickel plated 1/2" fill/drain valves with manual air vent.

**Maximum operating temperature** Tmax: 70°C  
**Maximum operating pressure** Pmax: 0.6 MPa (6 bar).  
**Kvs coefficient:** Nomograms no. 314/1209/19/3,4,5 and 6



Code	Circuit number	Material	Dimensions	Interax (mm)
109702	2	Stainless steel	1" - 3/4" EK	210
109703	3	Stainless steel	1" - 3/4" EK	210
109704	4	Stainless steel	1" - 3/4" EK	210
109705	5	Stainless steel	1" - 3/4" EK	210
109706	6	Stainless steel	1" - 3/4" EK	210
109707	7	Stainless steel	1" - 3/4" EK	210
109708	8	Stainless steel	1" - 3/4" EK	210
109709	9	Stainless steel	1" - 3/4" EK	210
109710	10	Stainless steel	1" - 3/4" EK	210
109711	11	Stainless steel	1" - 3/4" EK	210
109712	12	Stainless steel	1" - 3/4" EK	210





### BRASS MANIFOLD

The pre-assembled brass manifold consists of a supply and return bar with 1" internal thread. The supply and return bar are mounted on brackets.

**The supply bar contains:**

- flow regulators (displayed value 0 - 5l/min) for accurate flow regulation without tools. The flow volume can be read through the transparent inspection glass,
- 2 to 18 brass outlets with 3/4" euroconus thread
- 1 set of 1/2" brass fill/drain valves with manual air vent.

**The return bar contains:**

- Valves for actuators (M30 x 1.5mm, valve stroke 2.9mm) with protective caps
- 2 to 18 brass outlets with 3/4" euroconus thread
- 1 set of 1/2" brass fill/drain valves with manual air vent.

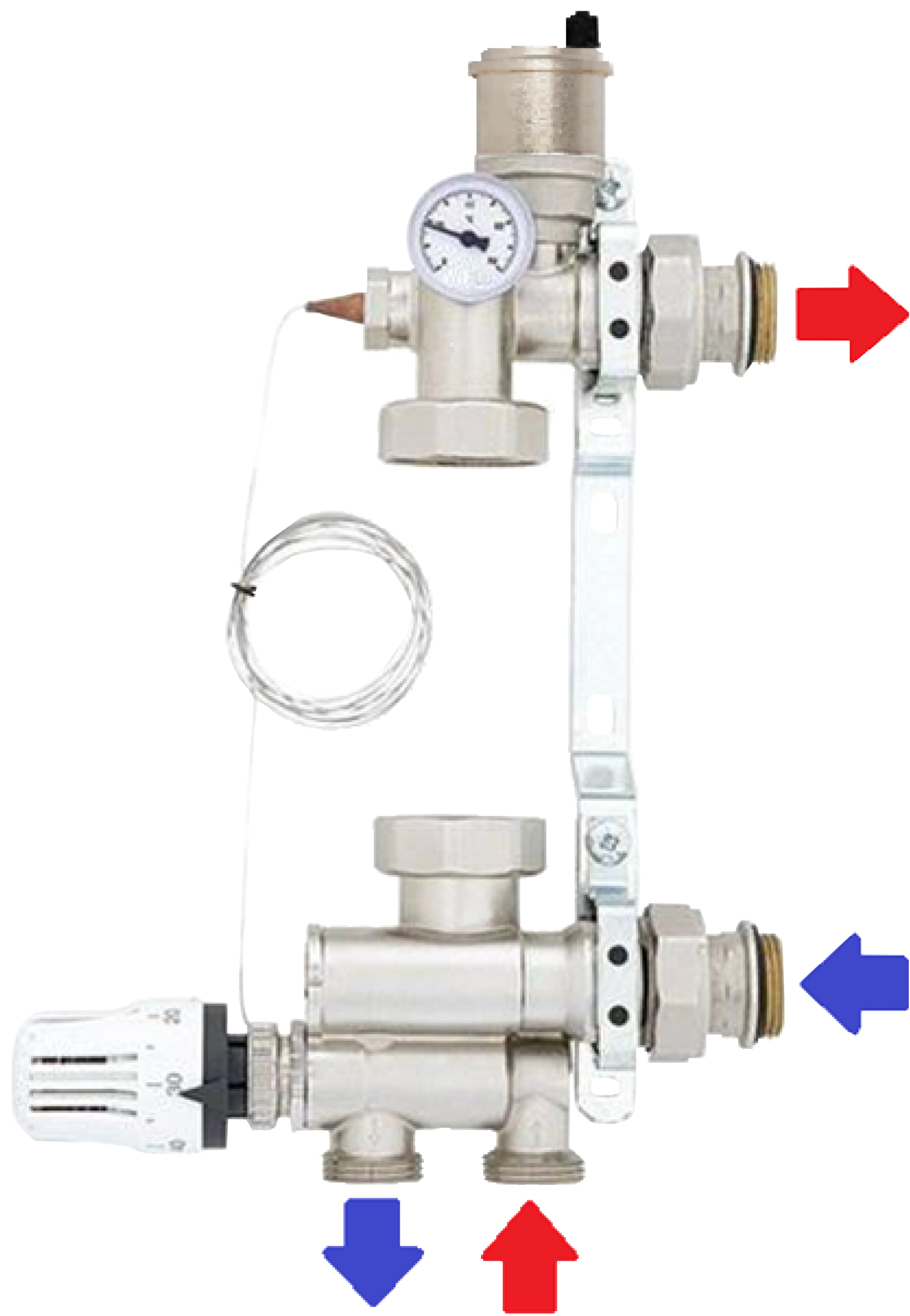
**Maximum operating temperature** Tmax: 70°C

**Maximum operating pressure** Pmax: 0.6 MPa ( 6 bar )

**Kvs coefficient:** Nomograms no. 314/1209/19/3,4,5 and 6

Code	Circuit number	Material	Dimensions	Interax (mm)
109802	2	Brass	1" - 3/4" EK	210
109803	3	Brass	1" - 3/4" EK	210
109804	4	Brass	1" - 3/4" EK	210
109805	5	Brass	1" - 3/4" EK	210
109806	6	Brass	1" - 3/4" EK	210
109807	7	Brass	1" - 3/4" EK	210
109808	8	Brass	1" - 3/4" EK	210
109809	9	Brass	1" - 3/4" EK	210
109810	10	Brass	1" - 3/4" EK	210
109811	11	Brass	1" - 3/4" EK	210
109812	12	Brass	1" - 3/4" EK	210
109813	13	Brass	1" - 3/4" EK	210
109814	14	Brass	1" - 3/4" EK	210
109815	15	Brass	1" - 3/4" EK	210
109816	16	Brass	1" - 3/4" EK	210
109817	17	Brass	1" - 3/4" EK	210
109818	18	Brass	1" - 3/4" EK	210





## MIXING UNIT WITH BY-PASS AND ADJUSTABLE TEMPERATURE 20°C - 60°C

### Characteristics:

Mixing unit group with adjustable temperature 20°C - 60°C

- **Maximum temperature Tour:** 90 °C
- **Maximum working pressure:** 6 bar
- **ΔP maximum Tour:** 1 bar
- **Valve adjustment:** 10 kW by-pass position 0
- **Valve setting:** 12.5 kW by-pass position 5
- **Kvs max =** 4.8 (valve position 5)
- **Pump Connections:** 1-1/4"
- **Manifold Connections:** 1"

### Includes

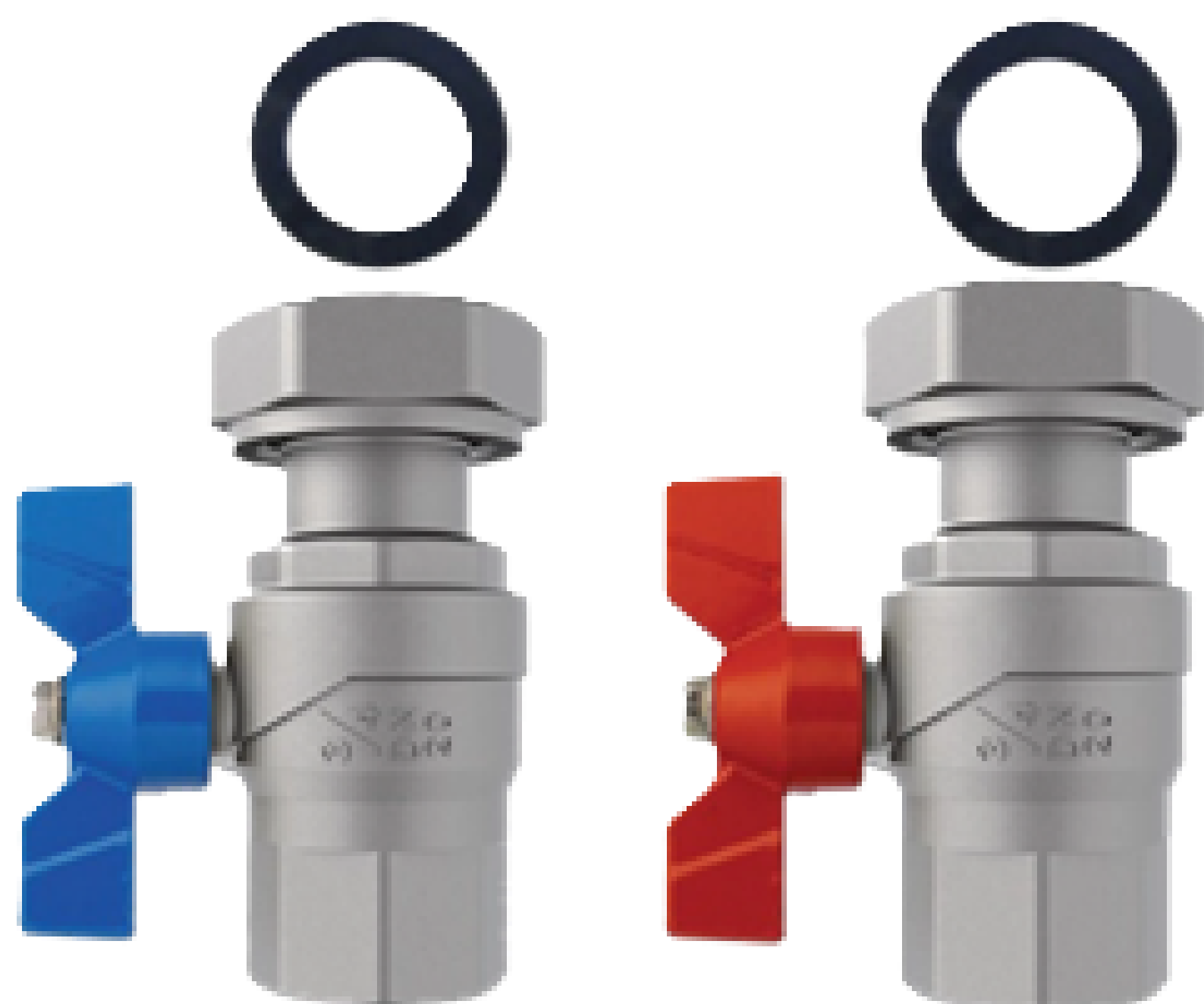
- Nickel-plated brass mixing unit
- Axial thermometer 20°C - 80°C
- Capillary probe
- Bypass valve for return-flow mixture adjustment
- Automatic airvent in nickel-plated brass with ½" thread
- Adjustable thermostat head 20°C - 60°C with capillary of copper and thread M30x1.5mm

Code: **109977**

## SET VALVES WITH SWIVEL 1"

### Set includes:

Blue handle valve  
Red handle valve  
Gaskets (2 pieces)



### Specification:

The valves are made of nickel plated brass

**Nominal size:** 25

**Thread connection:** 1"

Code: **109978**



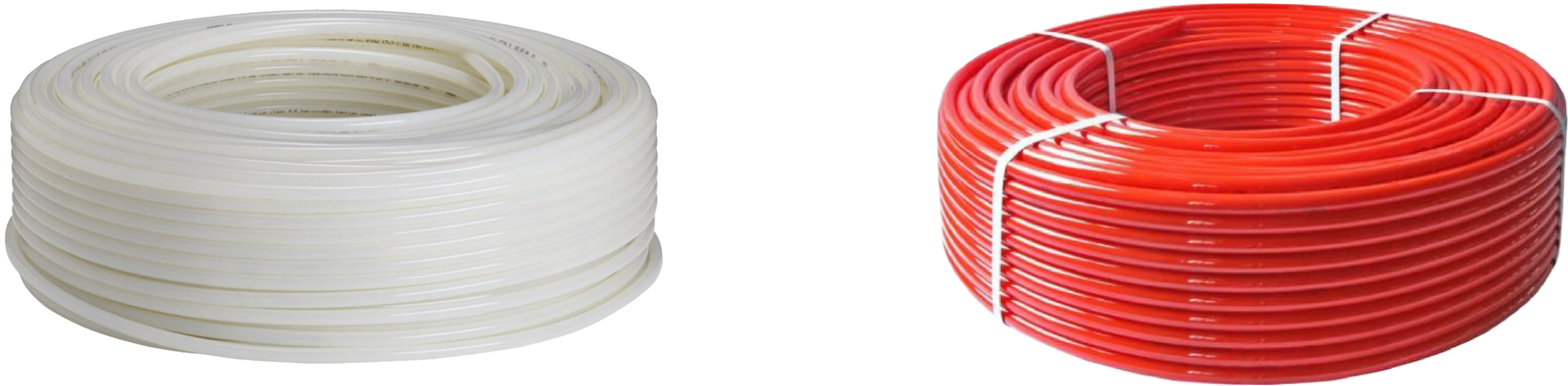
## WILO YONOS PARA 25/6-130 CIRCULATION PUMP

- Maximum efficiency thanks to ECM technology
- High efficiency pump, designed for underfloor heating systems.
- Preset adjustment types
- Integrated motor protection
- Venting function to vent the rotor chamber
- Flexible mounting due to compact design
- Very high starting torque for safe starting

Code: **800000**



5-LAYER PIPE FOR UNDERFLOOR HEATING WITH EVOH OXYGEN BARRIER



Characteristics:

- Long life span - minimum 50 years
- Low roughness coefficient (0.0005 mm), reduced hydraulic losses, reduced possibility of sediment deposition.
- Total resistance to corrosion, high pressures and temperatures
- Optimal thermal conductivity coefficient PE-RT TYPE II 0.4 W/mK / PEX-b = 0.38 W/mK.
- High flexibility - minimum bending radius is 5x the outer diameter of the pipe.
- Hygienic: the pipes are made of either PEX-b or PE-RT type II non-toxic, so it is ideal for potable water systems.

**Certifications:** manufactured according to PN-EN ISO 21003-2:2009+A1:2011 standards

Applications:

- Heating systems (max. 6 bar and 90°C PE-RT type II and max. 6 bar and 95°C PEX-b)
- Floor / wall / ceiling heating
- Cooling systems (5/12°C)



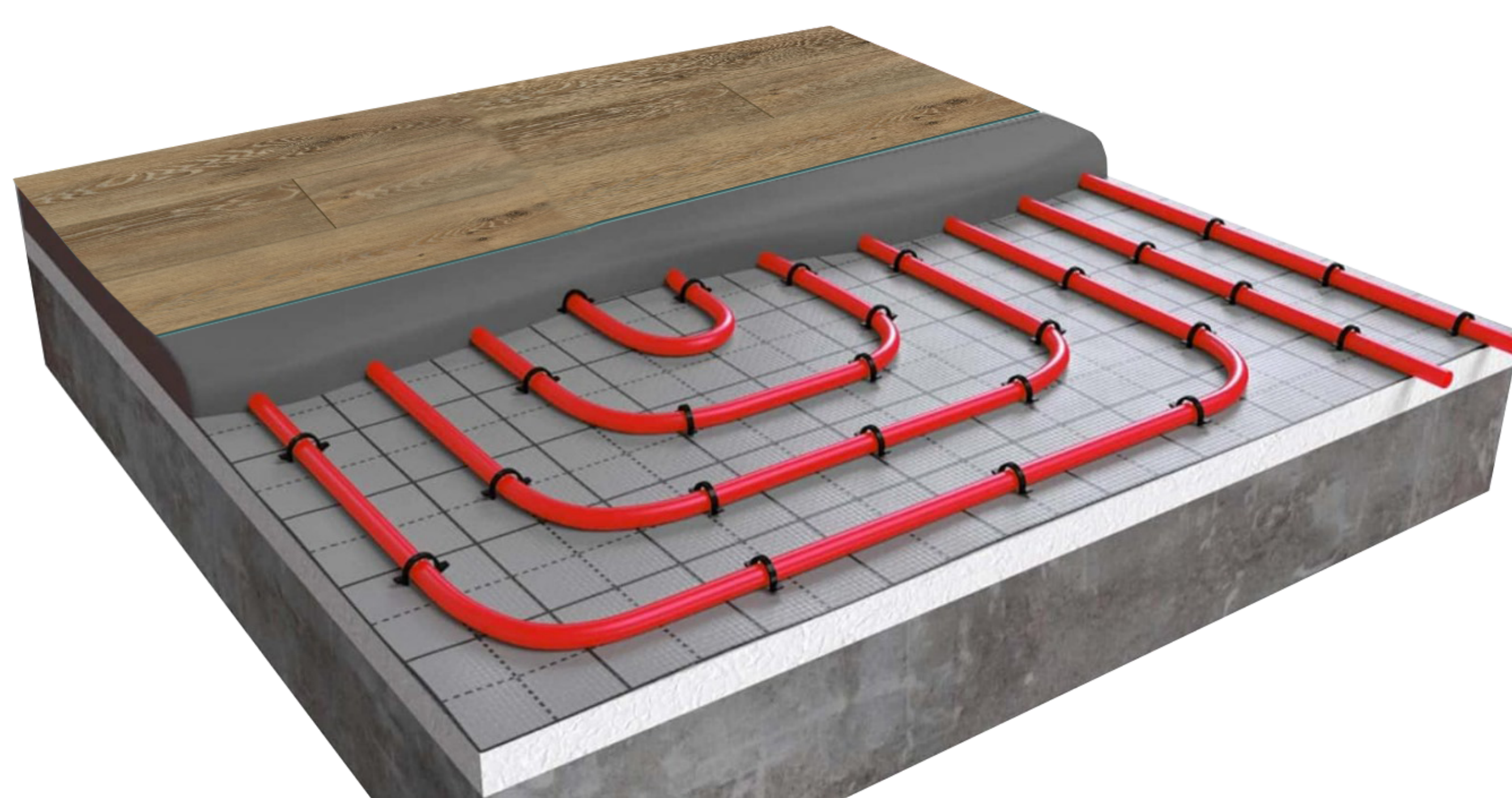
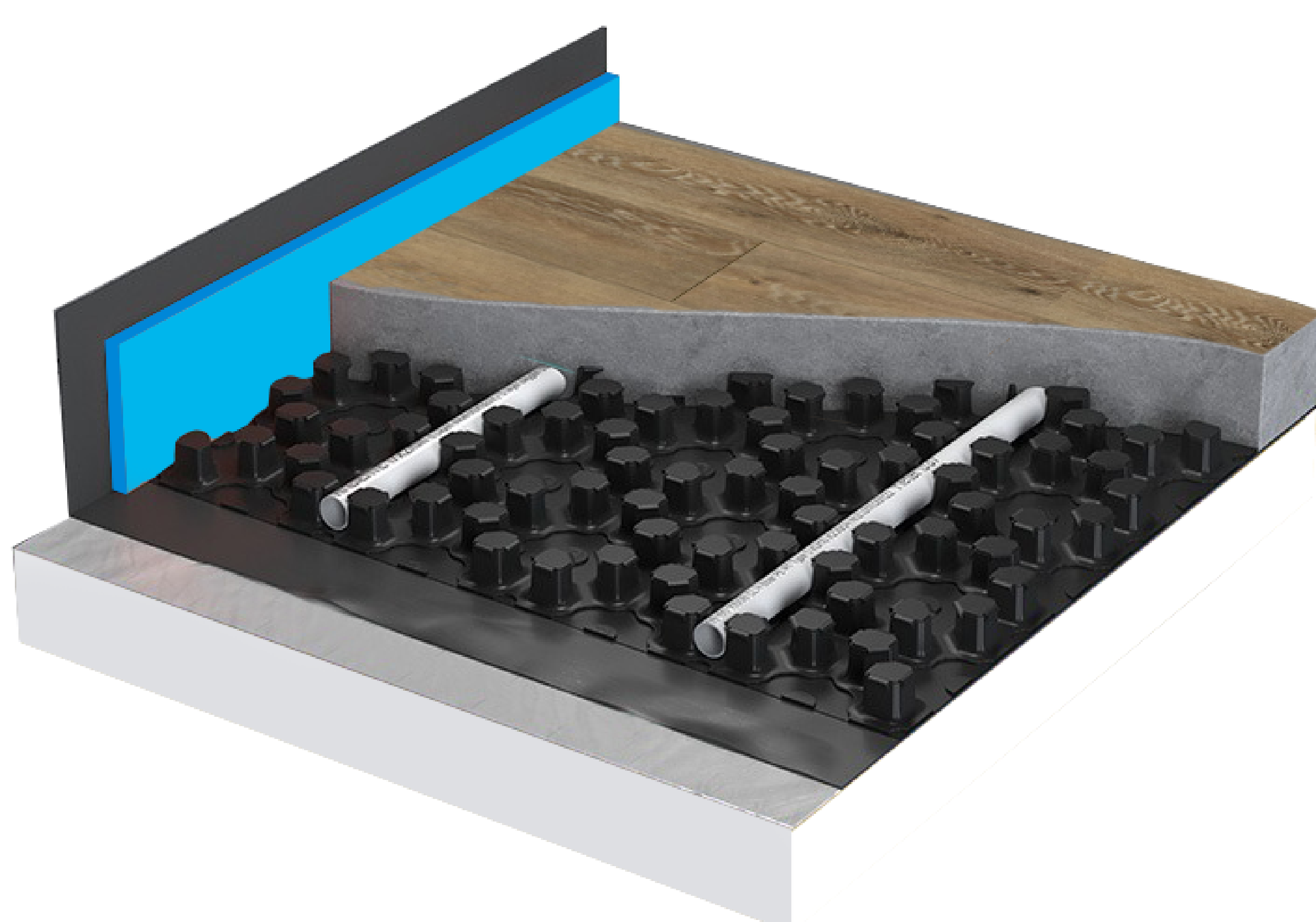
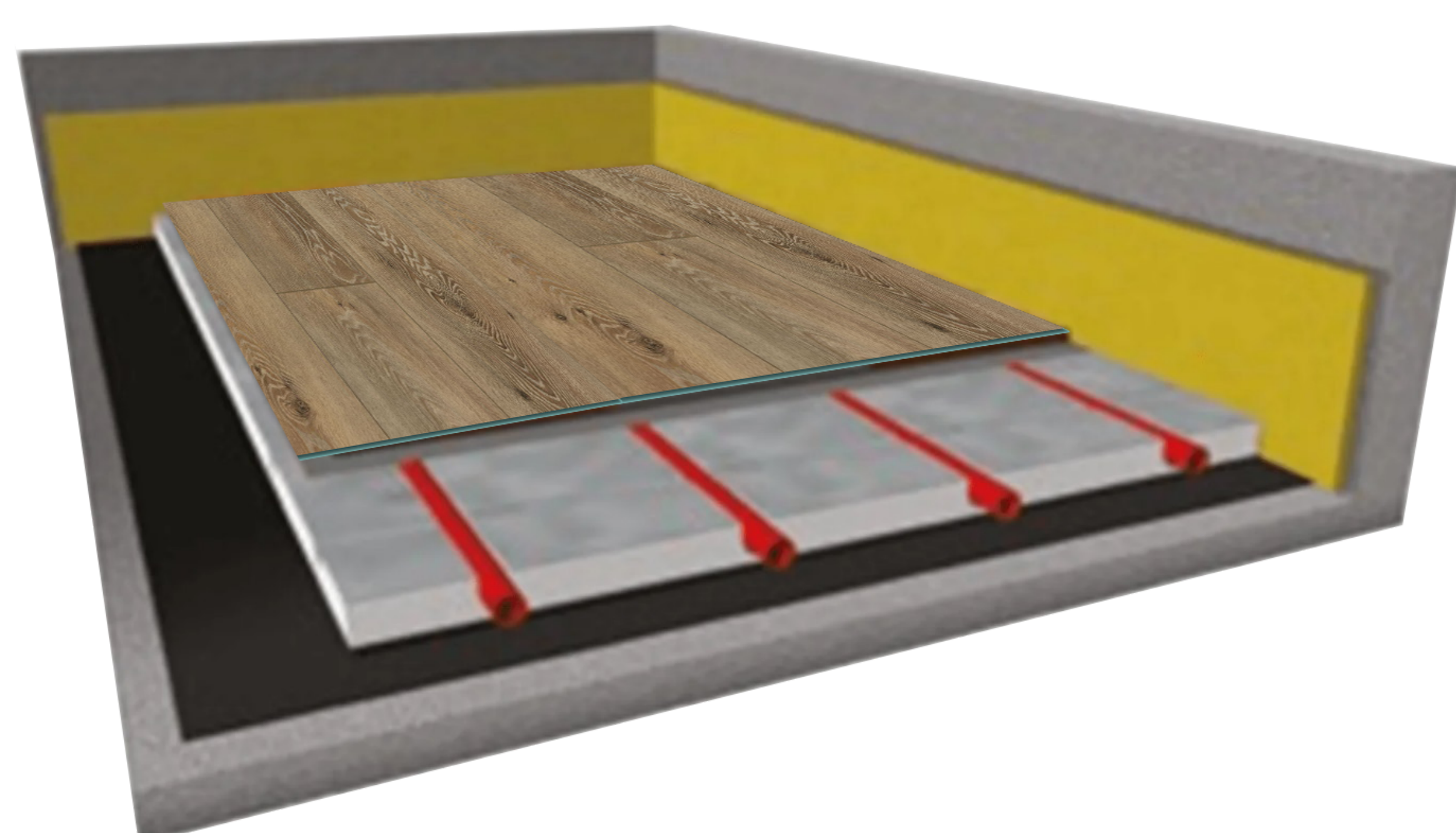
Code	Pipe type	Dimensions	Color	Roll length (mm)
311003	PEX-b EVOH	16x2	white	600
311033	PEX-b EVOH	17x2	white	600
310010	PEX-b EVOH	16x2	red	600
310011	PEX-b EVOH	17x2	red	600
300000	PE-RT type II EVOH	16x2	white	600
300001	PE-RT type II EVOH	17x2	white	600
300010	PE-RT type II EVOH	16x2	red	600
300011	PE-RT type II EVOH	17x2	red	600





## POLYSTYRENE BOARDS FOR MOUNTING UNDERFLOOR HEATING SYSTEMS

In the case of water-based underfloor heating, the pipes will be installed in the floor. They heat the floor using the warm water flowing through the heating pipes.





TACKER INSULATION WITH PP FOIL AND ADHESIVE TAPE

Description:

Expanded polystyrene boards with or without graphite are used as thermal, acoustic and moisture-resistant insulation for wet underfloor heating systems in residential and office buildings. The main advantage of the boards is the tear resistance of the upper layer of the fabric film. It is extremely important in the case of single-layer pipes that require a stronger insulation attachment. The boards are made of EPS covered on one side with polypropylene fabric foil. To facilitate the proper distribution of heating pipes during assembly, there is a marking with straight lines on the fabric foil. The adhesive tape on one side of the foil helps to stick the foils on each other.

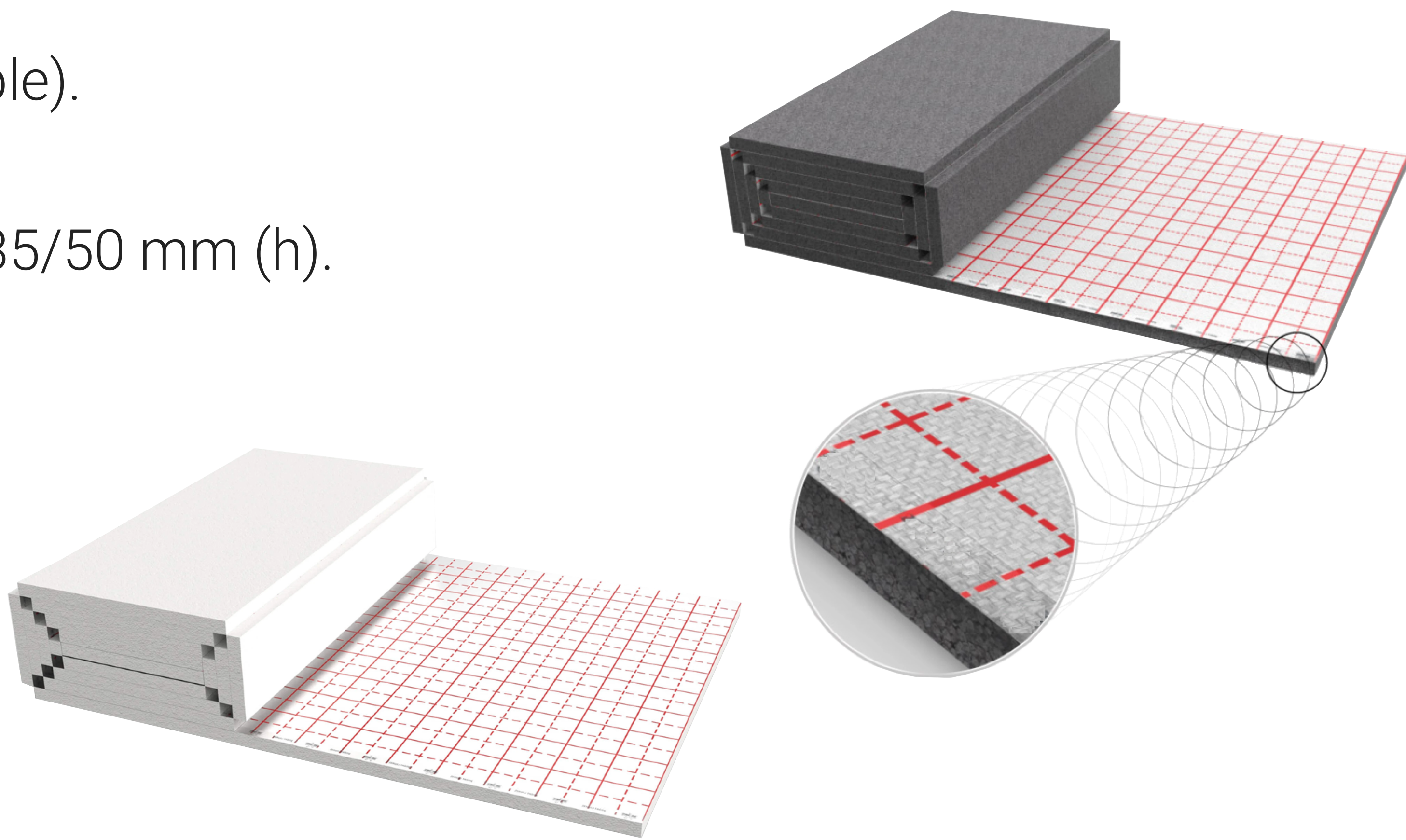
**Material:** Expanded polystyrene with polypropylene fabric foil.

**Thermal conductivity:** 0.031W/mK (graphite); 0.037W/mK (simple).

**Fire resistance class:** E (graphite); F (simple).

**Board dimensions:** 500mm/1000 (L) x 100mm (w) x 20/25/30/35/50 mm (h).

**Packing quantity:** 5sqm (graphite), 10sqm (simple).



Code	Type	Density	Insulation thickness	m2/box	m2/pallet
400720	simple	70	20	10	140
400725	simple	70	25	10	120
400730	simple	70	30	10	100
400735	simple	70	35	10	80
400750	simple	70	50	10	50
400820	simple	80	20	10	140
400825	simple	80	25	10	120
400830	simple	80	30	10	100
400835	simple	80	35	10	80
400850	simple	80	50	10	50
401020	simple	100	20	10	140
401025	simple	100	25	10	120
401030	simple	100	30	10	100
401035	simple	100	35	10	80
401050	simple	100	50	10	50
401820	graphite	80	20	5	140
401825	graphite	80	25	5	120
401830	graphite	80	30	5	100
401835	graphite	80	35	5	80
401850	graphite	80	50	5	50



## CASTELLATED BOARDS WITH OR WITHOUT EPS INSULATION

**Description:**

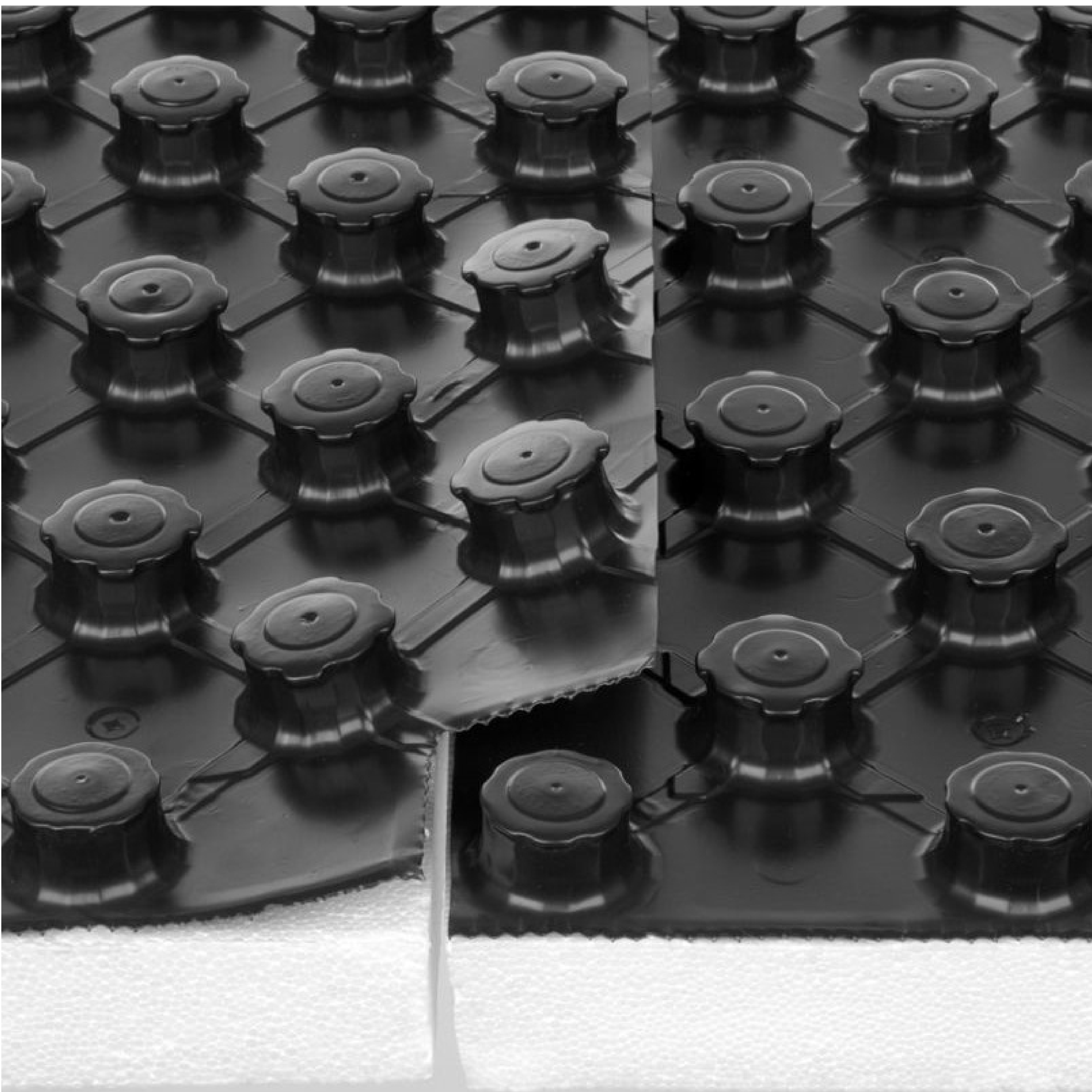
Expanded polystyrene insulation boards, without CFCs and HCFCs, joined with rigid film with knobs, 0.6mm in accordance with EN13163, for the realization of the underfloor heating system.

The boards with knobs without insulation are easy to join thanks to the rigid foil made of 1mm polystyrene, to create the underfloor heating system.

**Material:** Expanded polystyrene

**Panel dimension:** 1400 mm x 800 mm x 0,6 mm

**Knob dimensions:** 23 mm



Code	Density	Insulation Thickness	Panel QTY / Box	M2/Box	M2/Pallet	Min. order QTY (pallet)
100610	EPS120	10	14	15.68	109.76	8
100620	EPS120	20	10	11.20	78.40	8
100630	EPS120	30	8	8.96	62.72	8
150610	EPS150	10	14	15.68	109.76	8
150620	EPS150	20	10	11.20	78.40	8
150630	EPS150	30	8	8.96	62.72	8
420000	Foil without EPS	N/A	14	15.68	160	8

## PIPE FIXING BUCKLE FOR CASTELLATED PANELS

**Dimensions (mm):** 28 x 90 x 14

**Packing quantity:** 100 pcs.

Code: 119999



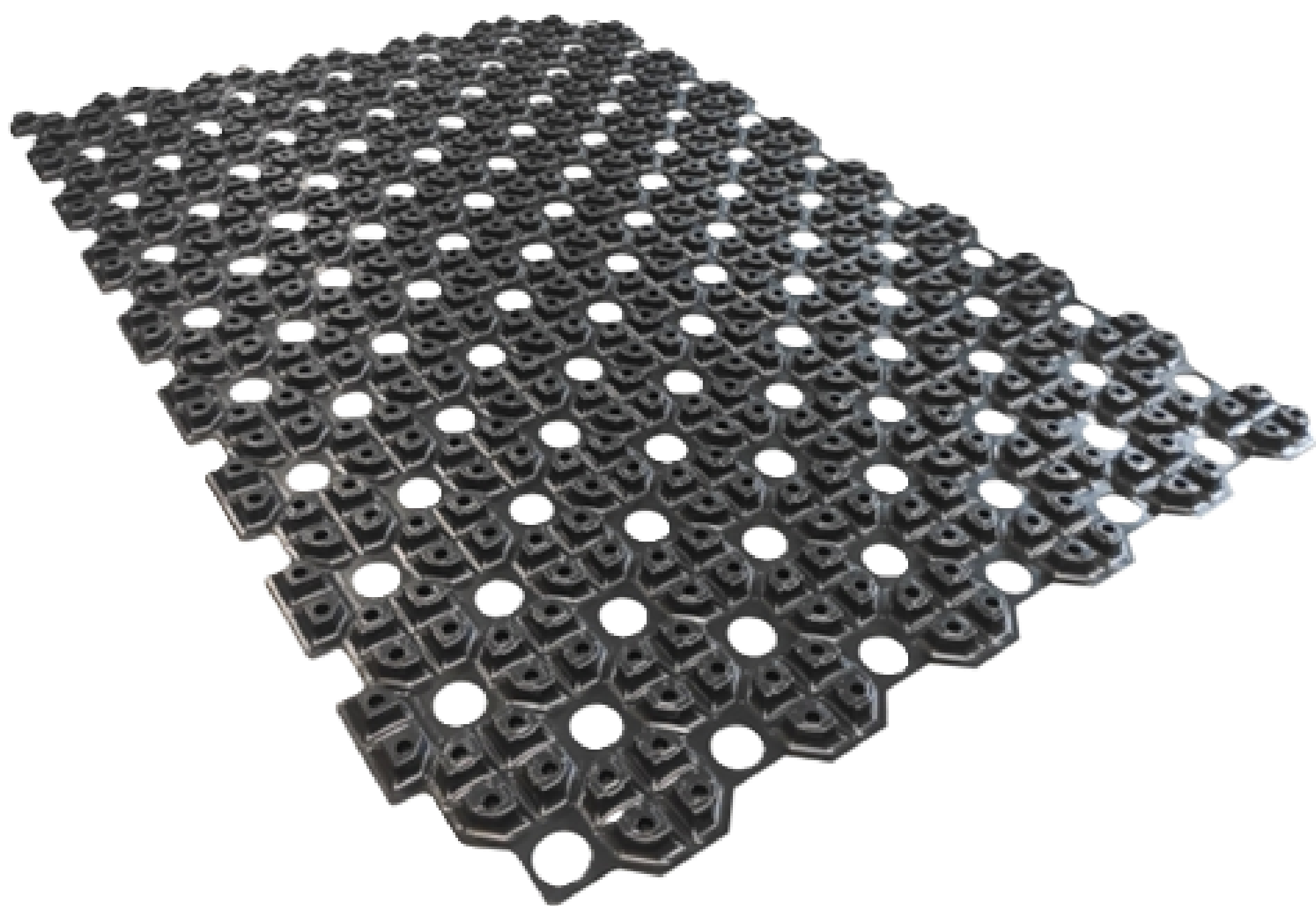
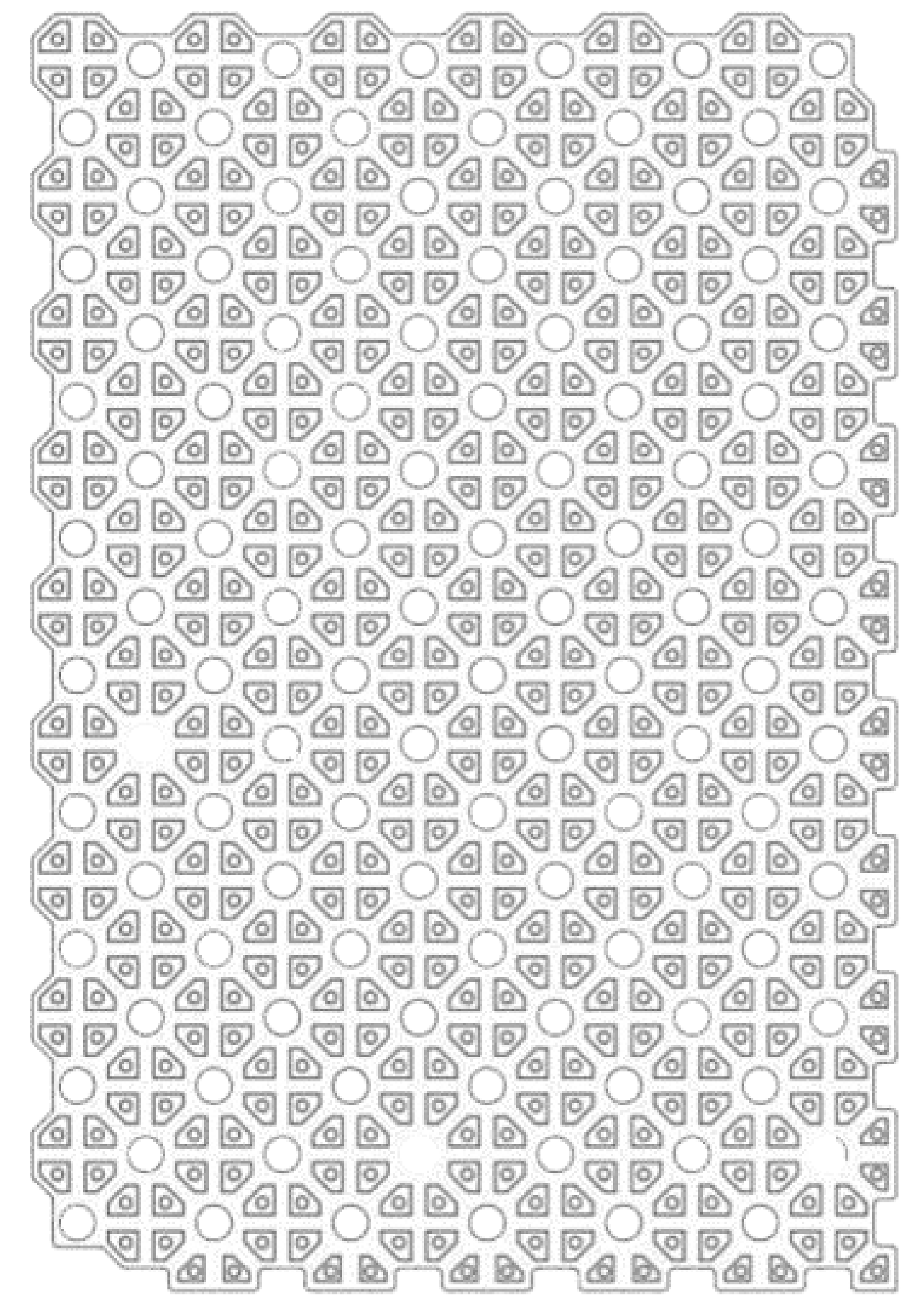


## RENOVATION SYSTEM – SELF-ADHESIVE CASTELLATED PLATES

Self-adhesive castellated plates for underfloor heating allows the installation of a wet floor layer up to 3 cm high. This type of installation is dedicated to renovated buildings and other buildings where the technical conditions make it impossible to install a classic underfloor heating system due to the total installation height.

### Benefits:

- Can be used with regular 16 mm diameter pipes and related accessories
- Fully adhesive back for quick installation
- Large panel for easy installation: 0.85m<sup>2</sup>
- Total installation height including screed – 3 cm
- Low weight/sq
- Low inertia, similar to radiator heating system



### Installation method:

It installs quickly and easily with the bottom being fully adhesive. Installation of these types of tiles requires less labor and accessories to fix them to the ground. The tiles, after being connected to each other and mounted on the floor, create a complete mesh.

### Concrete pouring:

With the technology of anhydrite concrete containing gypsum, an underfloor heating system with excellent heat transfer is created with only 30 mm total height including concrete. Thanks to this technology, pouring concrete is a quick and easy process with automatic leveling, the concrete is stable, less shrinkage and environmentally friendly.





DRY UNDERFLOOR HEATING SYSTEM

Description:

The heating system in the dry version was created especially for areas where the classic system, i.e. the wet one, cannot be used. For example, when renovating old buildings or when using new construction technologies with wooden beam floors, which allow a low load, which excludes the application of heavy cement screeds.

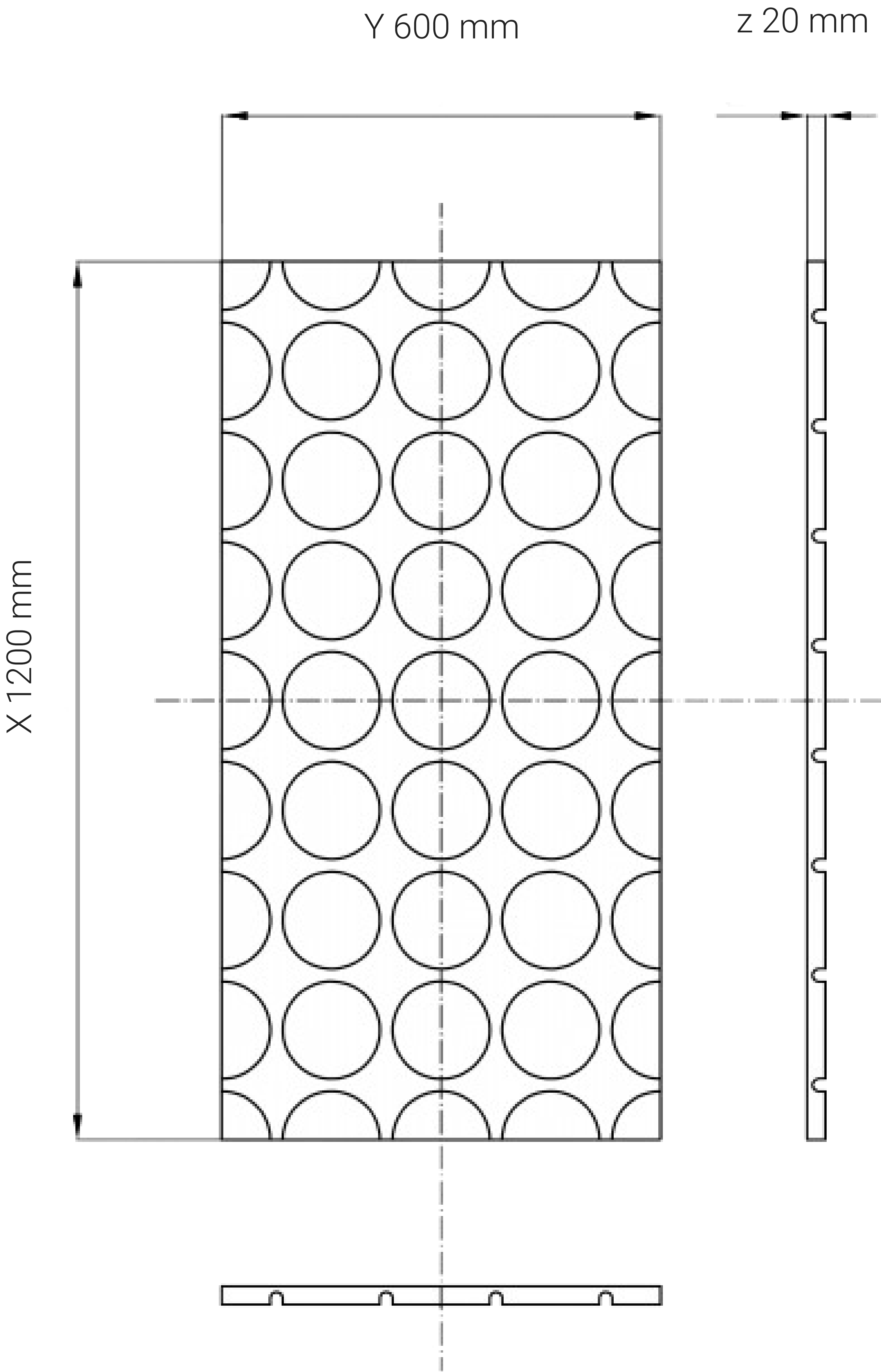
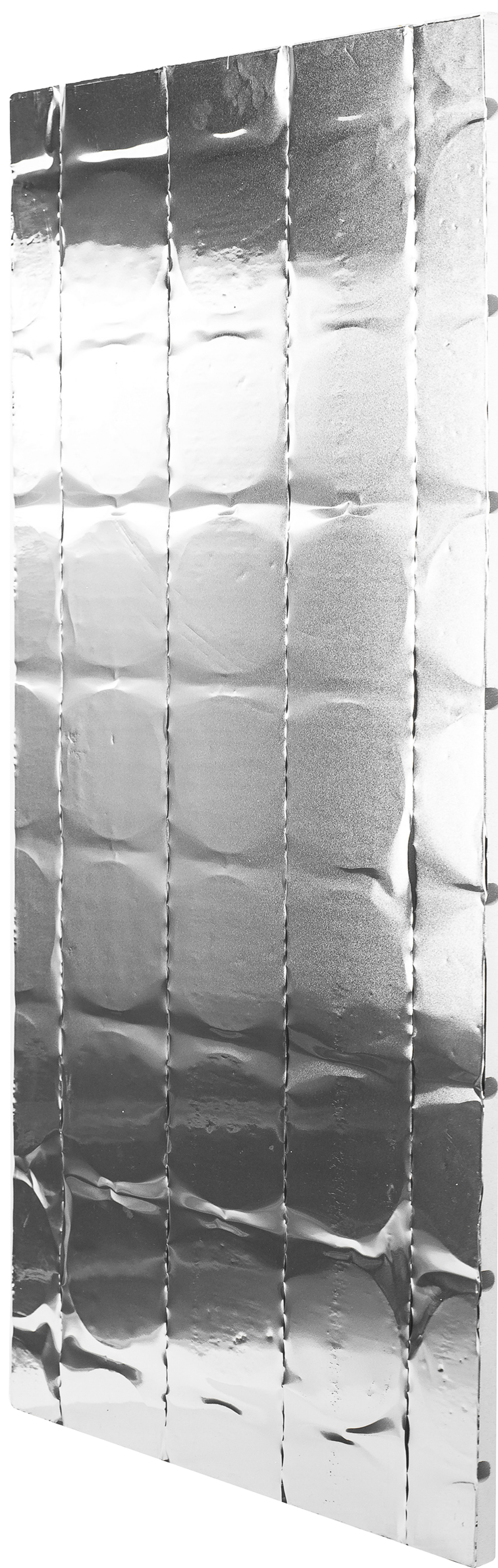
The dry underfloor heating system is light but at the same time durable.

Also, this type of system has a reduced thickness, being also ideal for spaces that impose a limitation of the height of the floor.

Another advantage of this system is the speed with which it can be worked, even after the installation is completed and the necessary pressure test is performed. Which represents a great advantage over the wet system, where drying requires at least 3 weeks, the period in which the desired floor finishes cannot be applied.

Characteristics:

- Usable together with common 16mm or 17mm pipes
- interax 150mm



Code	EPS class	Quantity / pallet	m2/pallet
440000	EPS400	200	144



## MULTI-LAYER FOIL WITH PURE ALUMINUM

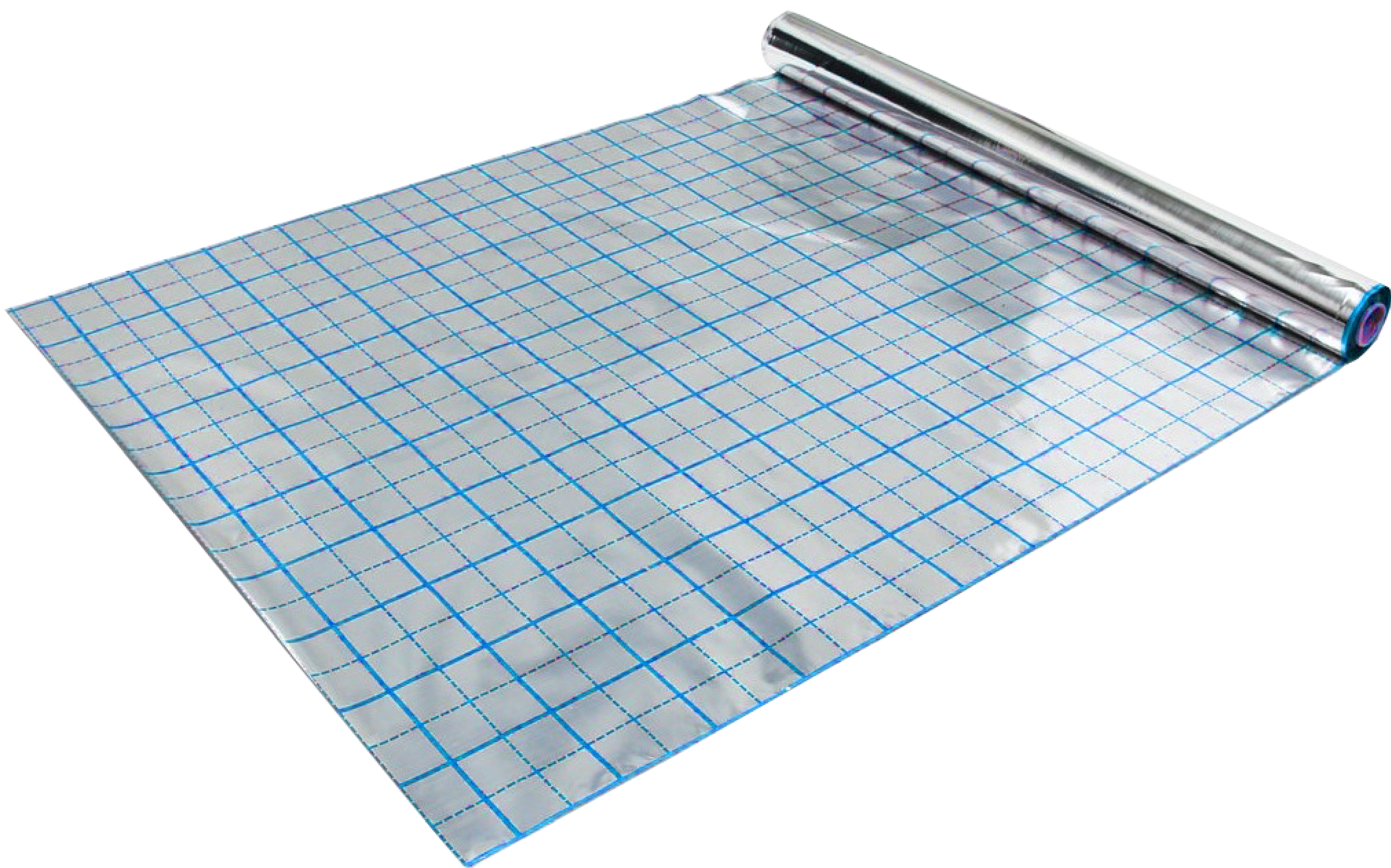
**Description:**

Multi-layer foil with 5cm interax blue marking, for wet underfloor heating systems. The multi-layer foil contains pure aluminum foil inside for a better release of heat upwards and for better insulation. The blue marking helps during installation to maintain the desired distance between the pipes by simply following the stripes.

**Packaging method:**

**Length:** 50m – 100m, **width:** 1m / roll  
Each roll is packed in bubble wrap

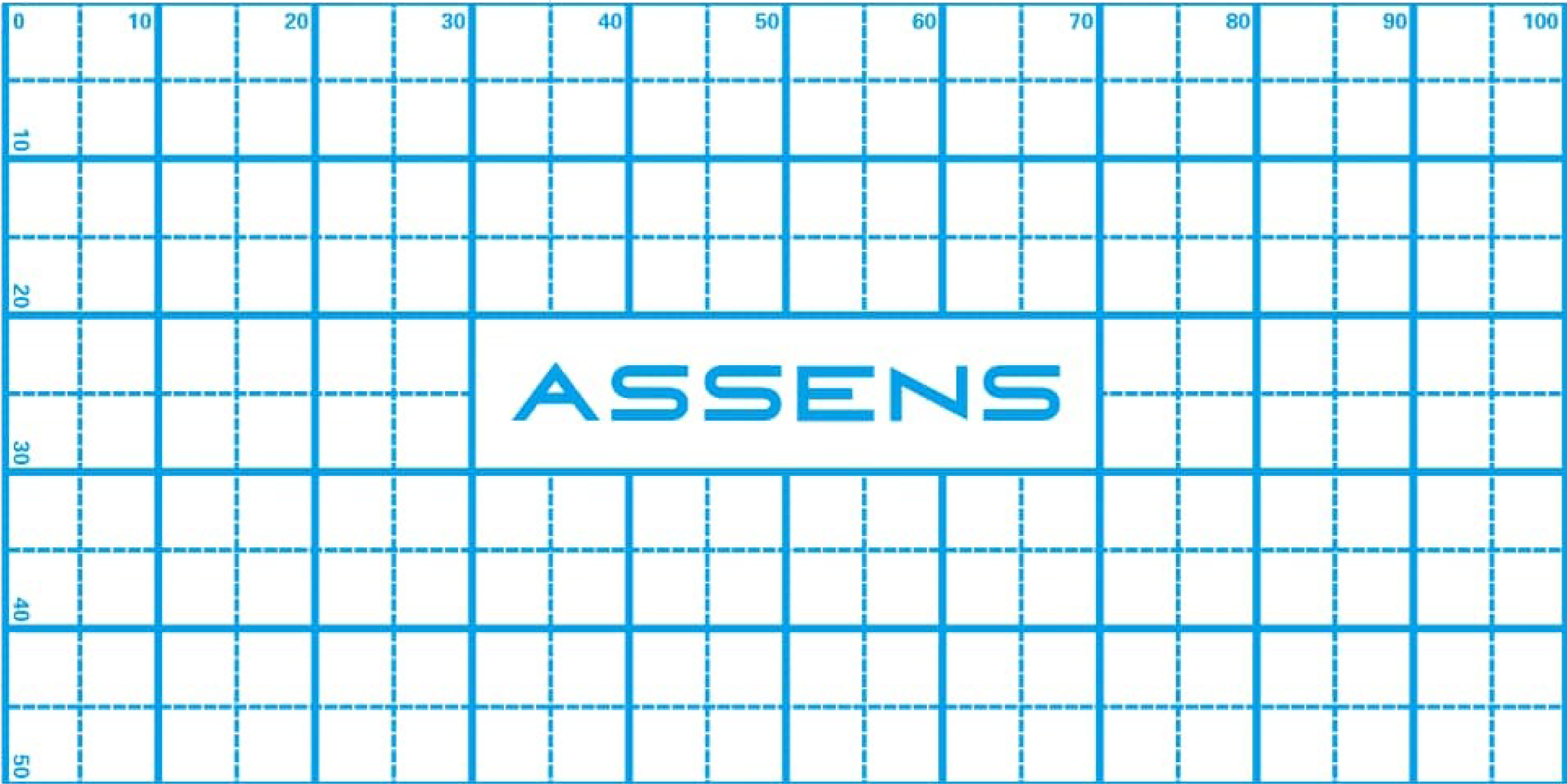
Code	Quantity / Roll (m2)
109904	50
109905	100



**Foil comparison**

Foil type	Humidity (g/m2·24h)	Oxygen (mL/m2·24h)	UV light (% transmission)
Polyethylene foil	31	465	91
Metallized polyethylene foil	0.8	1.2	5
Multi-layer polyethylene foil with PURE Aluminum	0	0	0

**Example of blue marking**





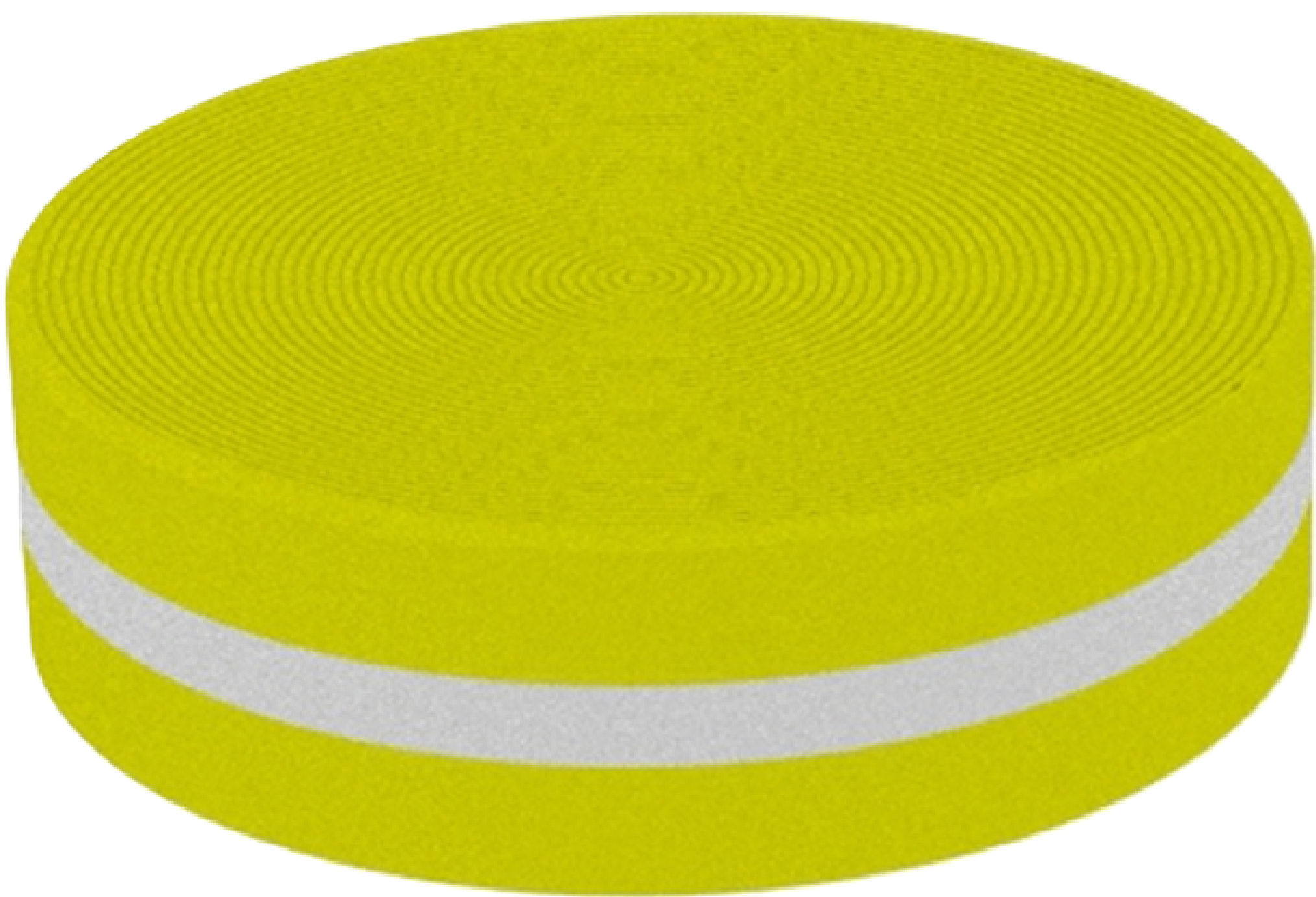
## PERIMETER EDGING STRIPS WITH FOIL AND ADHESIVE

**Description:**

The perimeter strip is mounted at the connection point of the screed and the vertical construction elements. The perimeter strip is also applicable for separating the heating zones in the underfloor heating system. The use of perimeter tape protects against heat loss and provides acoustic insulation.

The thickness of the perimeter strip is 8mm, it is pre-cut to facilitate cutting the surplus left after pouring the screed

**Material:** LDPE foam



Code	Color	Adhezive Size	Dimensions / roll	Quantity / box (m)
109941	Blue	3	80cm x 150cm x 25 m	100
109942	Yellow	3	80cm x 150cm x 25 m	100
109943	Grey	3	80cm x 150cm x 25 m	100
109944	Blue	15	80cm x 150cm x 60 m	480



STEEL MANIFOLD CABINETS

Description:

The metal box for manifolds provides protection and easy access to it. The box can be exposed or recessed and of different sizes to suit the size and number of circuits available. The placement of the box is calculated according to the place where the manifold must be mounted. The box is mounted at as equal a distance as possible from each heating circuit for the most even and efficient heat distribution.

**Material:** Galvanized steel



Apparent boxes (wall mounting)

Code	Box type	Type	Exterior dimensions (mm)			Door dimensions (mm)	
			Width	Height	Depth	Depth	Height
500000	ECO-E-0	Apparent boxes	385	580	328	328	452
500001	ECO-E-1	Apparent boxes	485	580	428	428	452
500002	ECO-E-2	Apparent boxes	615	580	558	558	452
500003	ECO-E-3	Apparent boxes	760	580	703	703	452
500004	ECO-E-4	Apparent boxes	845	580	788	788	452
500005	ECO-E-5	Apparent boxes	1015	580	958	958	452
500006	ECO-E-6*	Apparent boxes	1150	580	1093	1093	452

\*1mm thick galvanized sheet

Built-in boxes ( Flush-mounted cabinets )

Code	Box type	Type	Exterior dimensions (mm)			Door dimensions (mm)	
			Width	Height	Depth	Depth	Height
500010	ECO-0	Built-in boxes	335	575 - 665	110 - 160	323	451
500011	ECO-1	Built-in boxes	435	575 - 665	110 - 160	423	451
500012	ECO-2	Built-in boxes	565	575 - 665	110 - 160	553	451
500013	ECO-3	Built-in boxes	715	575 - 665	110 - 160	703	451
500014	ECO-4	Built-in boxes	795	575 - 665	110 - 160	783	451
500015	ECO-5	Built-in boxes	965	575 - 665	110 - 160	953	451
500016	ECO-6*	Built-in boxes	1140	575 - 665	110 - 160	1128	451

\*1mm thick galvanized sheet



## PIPE REEL WITH TRANSPORT BAG

### Description:

The pipe unroller is used for quick unrolling of the pipe during the installation of the underfloor heating system. The device facilitates and speeds up the work of a plumber and increases work comfort. Easy assembly and disassembly of the device allows it to be quickly moved from one place to another. The reel allows the use of coils of pipe up to 600m.

**Material:** Steel

Code: **610000**



## TACKER DEVICE FOR CLIPS

### Description:

The device is ergonomic, used to effectively fix the heating pipe in the floor using tacker clips. The device works perfectly with the dedicated clips. Available clip sizes are 35, 40, 45, 50 or 60 mm. It has a suitable adjustment system that protects the clips from falling out of the device and allows the arm force to be set, returning to the basic position.

### Advantages

- Assembled and ready to use
- High efficiency and comfort
- Device reliability
- Easy to use
- Solid aluminum construction
- Resistance to destruction

Code: **100503**





## NICKEL-PLATED BRASS EUROCONUS CONNECTOR

**Pipe type:** PE-RT; PEX; PE-Xa/b/c, Multilayer

**Pipe size:** 16x2

**Thread type and size:** 3/4" EK

Code: **109916**

**Pipe type:** PE-RT; PEX ; Pe-Xa/b/c

**Pipe size:** 17x2

**Thread type and size:** 3/4" EK

Code: **109917**

**Pipe size:** 20x2

**Thread type and size:** 3/4" EK

Code: **109920**



## TACKER CLIPS FOR FIXING THE HEATING PIPE ON THE FLOOR

### Description:

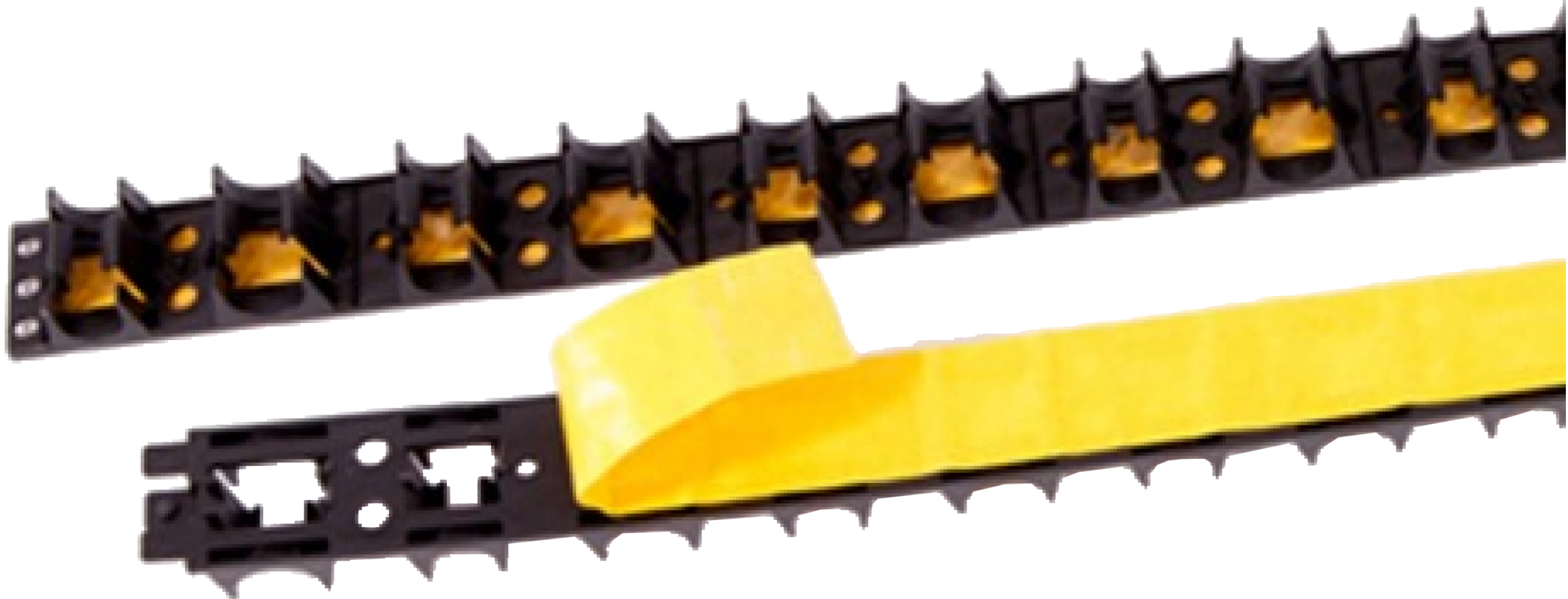
Tacker clips are used to fix underfloor heating pipes to the insulating layer. These clips are specially designed to work with the tacker gun which eases the installation work and shortens the installation time. The length of the clips are used to fix the pipe depending on the thickness of the insulation layer used. The clips are connected to each other by welding without adhesive tape.



**Material:** Polypropylene

Code	Clip size
109906	35 mm
108906	40 mm
109907	50 mm
109908	60 mm

## SELF-ADHESIVE PLASTIC RAIL FOR 16-18MM PIPE



Code	Rail lenght (cm)	Dimensions (cm)	Weight (kg)		Quantity (m)	
		Box	Box	Pallet	Box	Pallet
109999	100 (two pcs. of 50)	100 x 45 x 24	18.5	450	100	2.400



PIPE GUIDE BEND

Description:

The pipe guide bend allows the installation of the heating pipes in a 90 degree position. The bend can be used to guide pipes through floors, ceilings or to the distributor. It holds the pipe and directs it to the distributor. The guide bend is available in three sizes: for pipes with a diameter of 14-18mm, 20-22mm and 25mm.



Code	Dimensions	Material	Work temperature
119914	14 - 18 mm	Glass fiber polyamide	0 C - 65 C
119920	20 - 22 mm	Glass fiber polyamide	0 C - 65 C
119925	25 mm	Glass fiber polyamide	0 C - 65 C

DILATATION PROFILE WITH SELF-ADHESIVE RAIL AND FOAM

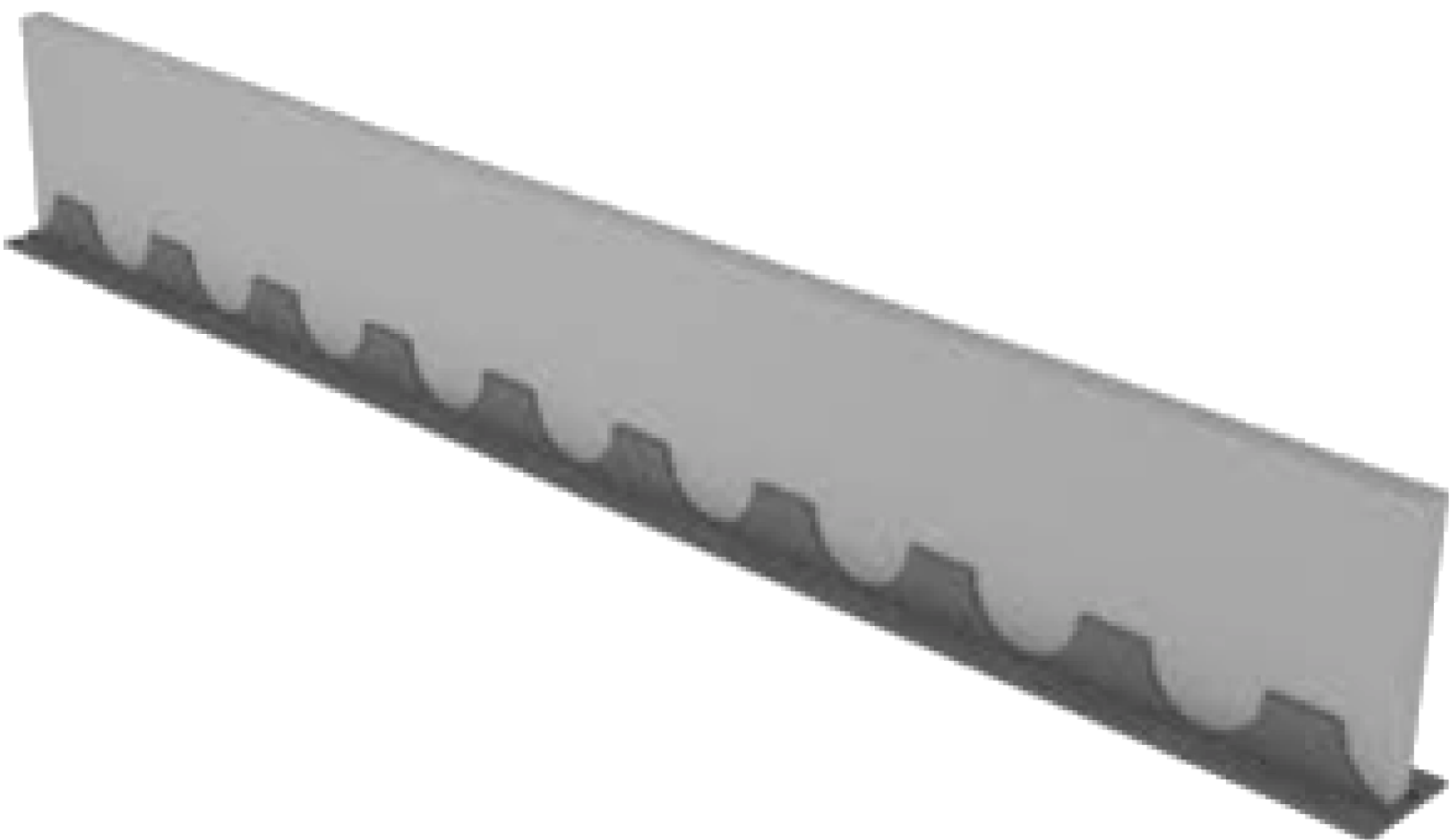
Description:

The expansion profile with self-adhesive rail is used to separate the heating zones in underfloor heating systems. Prevents cracking of concrete and finishing layers. The profile is equipped with an adhesive tape that facilitates its installation on the floor.

Perimeter strip thickness: 10mm

Length: 200cm

Material: LDPE foam, Polypropylene



Code	Dimensions (mm)	Quantity / Pallet (m)	Pallet weight (kg)
129900	2000 x 40 x 104	1000	440

PLUG FOR LEAK PROOF WITH EXTERNAL THREAD AND EPDM GASKET

Code	Color	Thread size	QTY / Box (PCS.)	QTY / Master box (pcs.)
100507	Red	1/2"	20	560
101507	Red	3/4"	20	560
100500	Blue	1/2"	20	560
101500	Blue	3/4"	20	560



PLASTICIZER ADDITIVE FOR CONCRETE

Description:

The screed additive increases the plasticity of the screed, avoiding the appearance of cracks in the screed.

Method of use:

The screed additive is dosed in a percentage of 0.5 - 1% of the amount of cement used to obtain the screed. Mix the dosed additive for about 5 minutes until homogenization. The obtained screed retains its workability for 75 min.



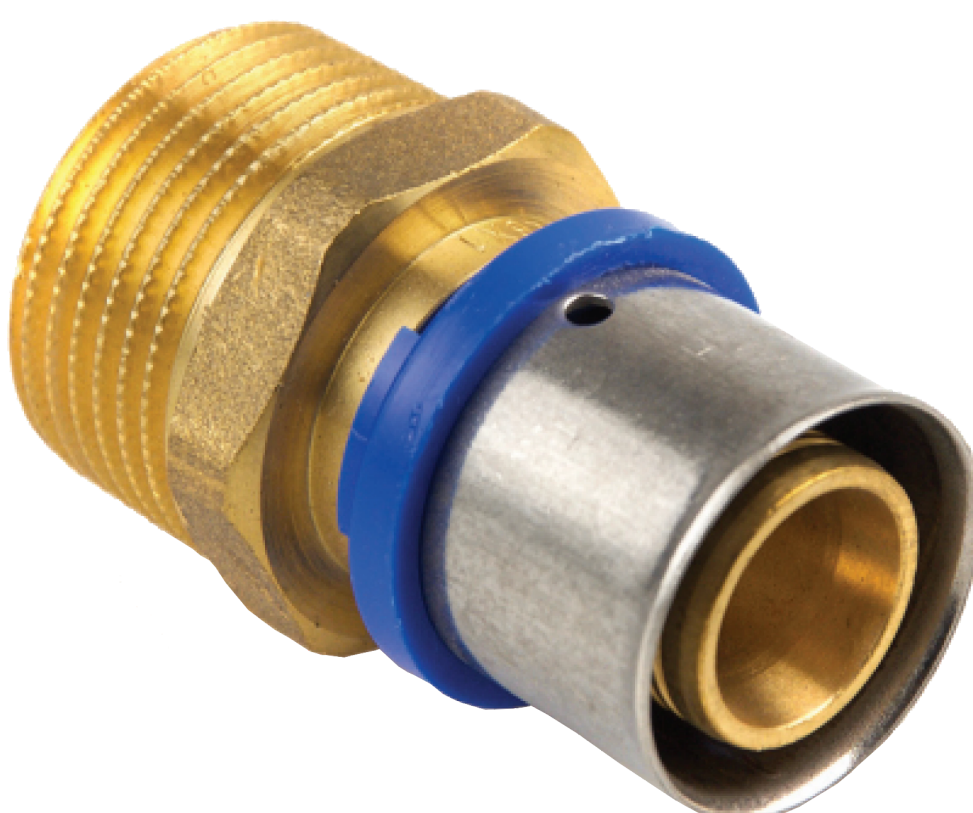
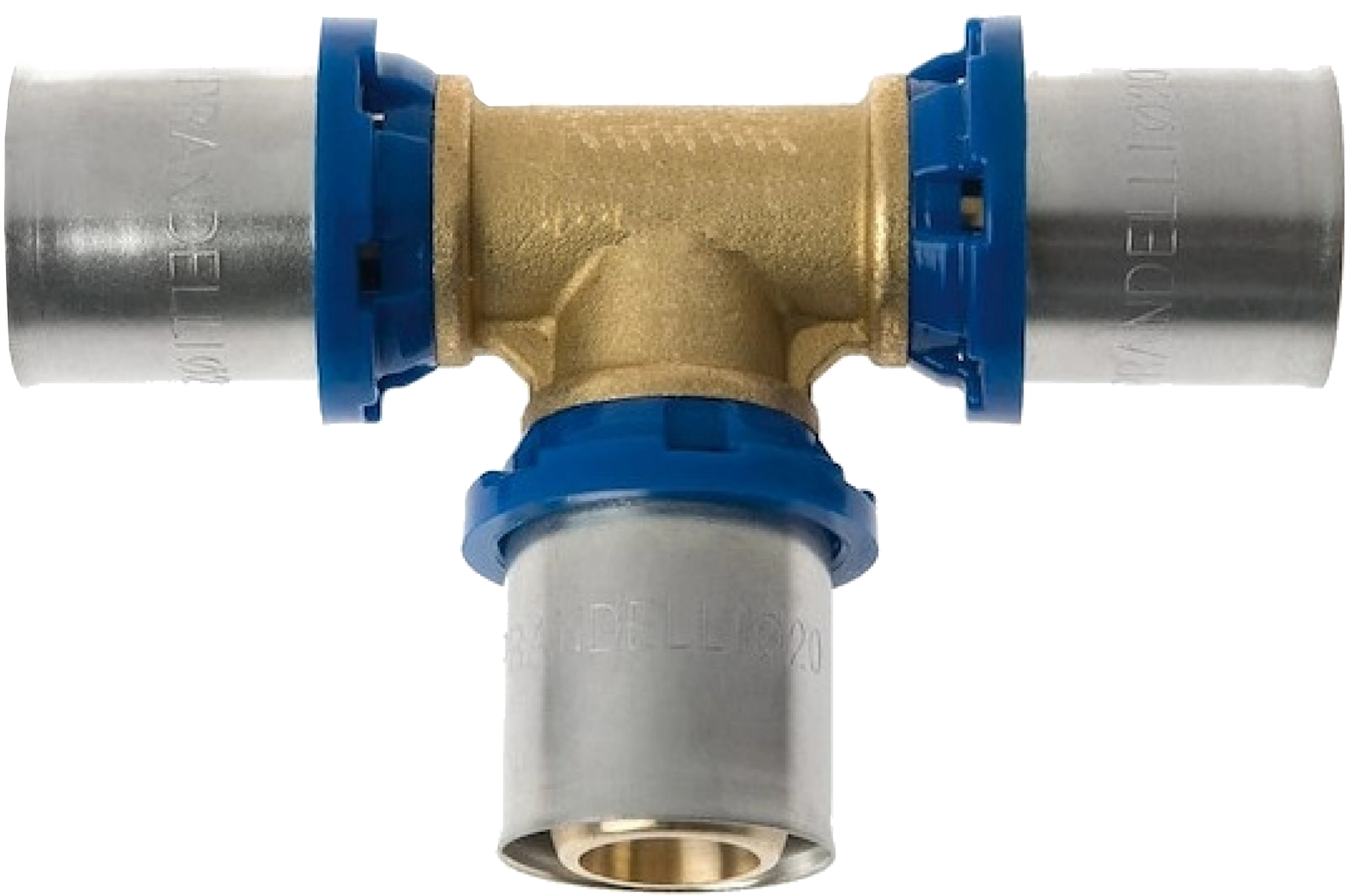
Screed additive 5L    Code: 100511



**MULTILAYER PIPE AND PRESS FITTINGS**



Press type U/H/TH:  $\varnothing$  16-20 mm  
Press type TH:  $\varnothing$  26-75 mm





PIPE IN COILS PERT/AL/PERT ; PEXB/  
AL/PEXB WITH INSULATION  
THICKNESS 6-10MM, COLOR RED/BLUE  
AND WHITE



Code	Pipe type	Dimensions	Aluminum thickness	Insulation thickness (mm)	Color	Roll lenght (m)	Qty./ Pallet (m)
300311	PERT/AL/PERT	16x2	0,20	6	red	50	700
300312	PERT/AL/PERT	20x2	0,25	6	red	50	700
300313	PERT/AL/PERT	26x3	0,40	10	red	50	600
300314	PERT/AL/PERT	32x3	0,45	10	red	25	350
300211	PERT/AL/PERT	16x2	0,20	6	blue	50	700
300212	PERT/AL/PERT	20x2	0,25	6	blue	50	700
300213	PERT/AL/PERT	26x3	0,40	10	blue	50	600
300214	PERT/AL/PERT	32x3	0,45	10	blue	25	350
310111	PEXB/AL/PEXB	16x2	0,20	6	white	50	700
310112	PEXB/AL/PEXB	20x2	0,25	6	white	50	700
310113	PEXB/AL/PEXB	26x3	0,40	10	white	50	600
310114	PEXB/AL/PEXB	32x3	0,45	10	white	25	350

\* Other sizes and colors available to order

PIPE IN BARS PEXB/AL/PEXB, 10 BARS, 95C

Code	Pipe type	Dimensions	Aluminum thickness	Color	Bar lenght (m)
310033	PEXB/AL/PEXB	16x2	0,20	white	4
310034	PEXB/AL/PEXB	20x2	0,25	white	4
310035	PEXB/AL/PEXB	26x3	0,40	white	4
310135	PEXB/AL/PEXB	32x3	0,45	white	4
310036	PEXB/AL/PEXB	40x3.5	0,70	white	4
310037	PEXB/AL/PEXB	50x4	0,90	white	4
310038	PEXB/AL/PEXB	63x4.5	1,20	white	4
310039	PEXB/AL/PEXB	75x5	1,35	white	4
310040	PEXB/AL/PEXB	90x7	0,90	white	5





NAKED PIPE PERT/AL/PERT ; PEXB/AL/PEXB

In conformity with UNI-EN-ISO 21003, SKZ A694



Code	Pipe type	Dimensions	Aluminum thickness	Roll lenght (m)	Qty./ Pallet (m)
400000	PERT/AL/PERT	16x2	0,20	100	2500
400001	PERT/AL/PERT	16x2	0,20	200	3000
400002	PERT/AL/PERT	16x2	0,20	250	4000
400003	PERT/AL/PERT	16x2	0,20	500	3000
400004	PERT/AL/PERT	20x2	0,25	100	2000
400005	PERT/AL/PERT	26x3	0,40	50	600
400006	PERT/AL/PERT	32x3	0,45	50	600

Code	Pipe type	Dimensions	Aluminum thickness	Roll lenght (m)	Qty./ Pallet (m)
311000	PEXB/AL/PEXB	16x2	0,20	100	2500
311001	PEXB/AL/PEXB	16x2	0,20	200	3000
311002	PEXB/AL/PEXB	16x2	0,20	250	4000
311003	PEXB/AL/PEXB	16x2	0,20	500	3000
311004	PEXB/AL/PEXB	20x2	0,25	100	2000
311006	PEXB/AL/PEXB	26x3	0,40	50	600
311007	PEXB/AL/PEXB	32x3	0,45	50	600
311008	PEXB/AL/PEXB	20x2,25	0,40	100	1600
311009	PEXB/AL/PEXB	25x2,5	0,40	50	600

NAKED PIPE FOR GAS PEXB/AL/PEXB, MOP 0.5

In conformity with UNI 11344, IIP 348, DVGW

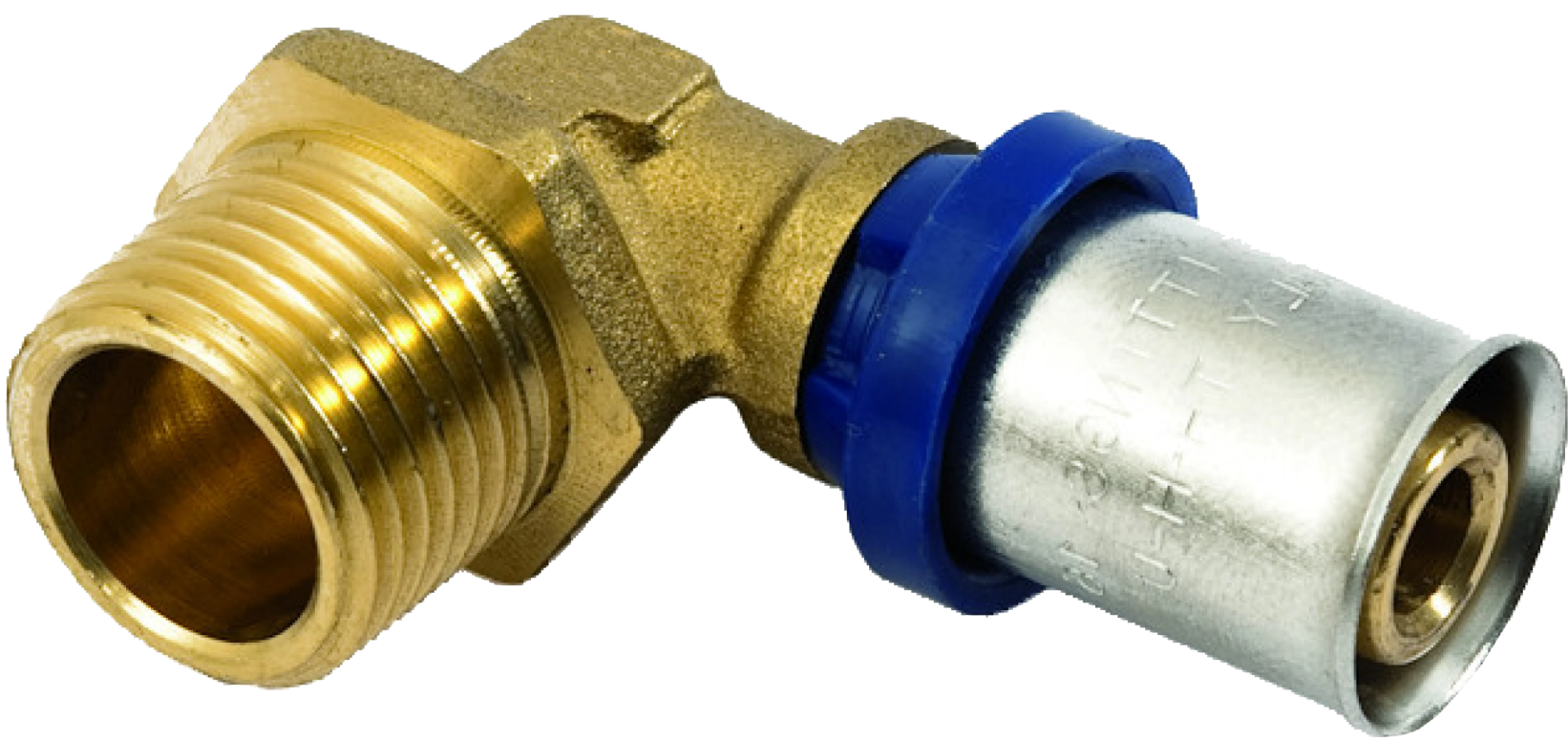


Code	Pipe type	Dimensions	Aluminum thickness	Roll lenght (m)	Qty./ Pallet (m)
321000	PEXB/AL/PEXB	16x2	0,20	100	2500
321001	PEXB/AL/PEXB	16x2	0,20	250	4000
321002	PEXB/AL/PEXB	16x2	0,20	500	3000
321003	PEXB/AL/PEXB	20x2	0,25	100	2000
321004	PEXB/AL/PEXB	26x3	0,40	50	600
321005	PEXB/AL/PEXB	32x3	0,45	50	600



BRASS ELBOW EXTERNAL THREAD

Code	Dimensions	Code	Dimensions
700000	16x1/2"	700004	40x1-1/4"
700001	20x1/2"	700005	50x1-1/2"
711001	20x3/4"	700006	63x2"
700002	26x1"	700007	75x2"
711002	26x3/4"	700008	90x2"
700003	32x1"		



BRASS ELBOW INTERNAL THREAD

Code	Dimensions	Code	Dimensions
700010	16x1/2"	700015	32x1"
700011	20x1/2"	700016	40x1-1/4"
700012	20x3/4"	700017	50x1-1/2"
700013	26x3/4"	700018	63x2"
700014	26x1"		



BRASS ELBOW

Code	Dimensions	Code	Dimensions
710000	16x16	710003	32x32
710002	20x20	710004	40x40
710001	26x26	710005	50x50



BRASS WALLPLATE ELBOW, INTERNAL THREAD

Code	Dimensions	Code	Dimensions
700110	16X1/2"	700112	20X3/4"
700111	20X1/2"	700113	26X3/4"



BRASS LONG WALLPLATE ELBOW, INTERNAL THREAD

Code	Dimensions	Code	Dimensions
700310	16x1/2"	700311	20x1/2"





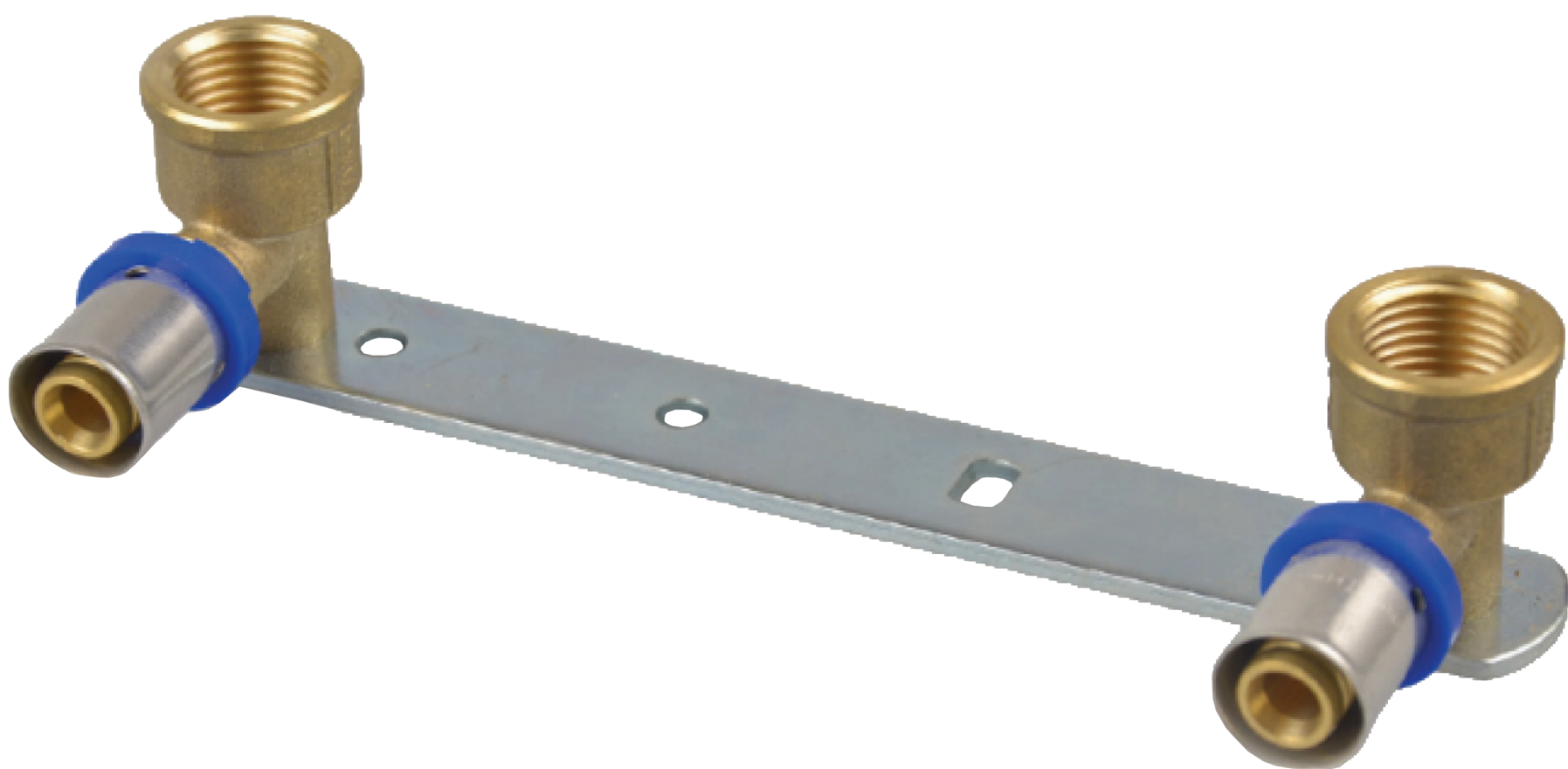
BRASS DOUBLE WALLPLATE ELBOW, INTERNAL THREAD

Code	Dimensions	Code	Dimensions
700210	16x1/2"	700211	20x1/2"



SET OF 2 BRASS WALLPLATE ELBOW WITH 150MM BRACKET

Code	Dimensions	Code	Dimensions
702000	16x1/2"	702002	20x3/4"
702001	20x1/2"	702003	26x3/4"



IN-WALL CHROME VALVE

Code	Dimensions	Code	Dimensions
701000	16x16	701002	26x26
701001	20x20		



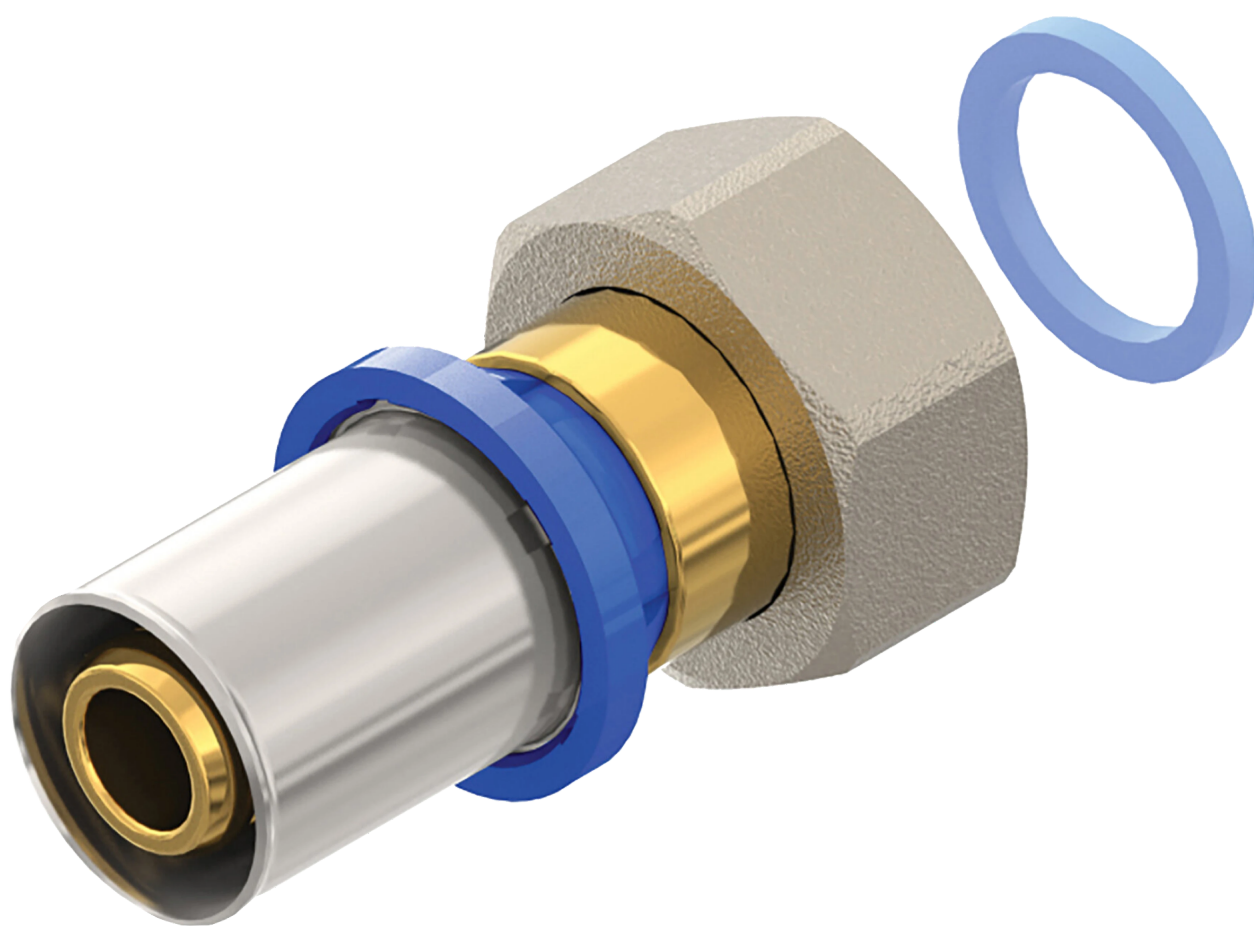
BRASS FITTING, INTERNAL THREAD

Code	Dimensions	Code	Dimensions
703710	16x1/2"	703716	32x1"
703711	16x3/4"	703717	40x1-1/4"
703712	20x1/2"	703718	50x1-1/2"
703713	20x3/4"	703719	63x2"
703714	26x3/4"	703720	75x2-1/2"
703715	26x1"		



BRASS COUPLING, FEMALE THREAD

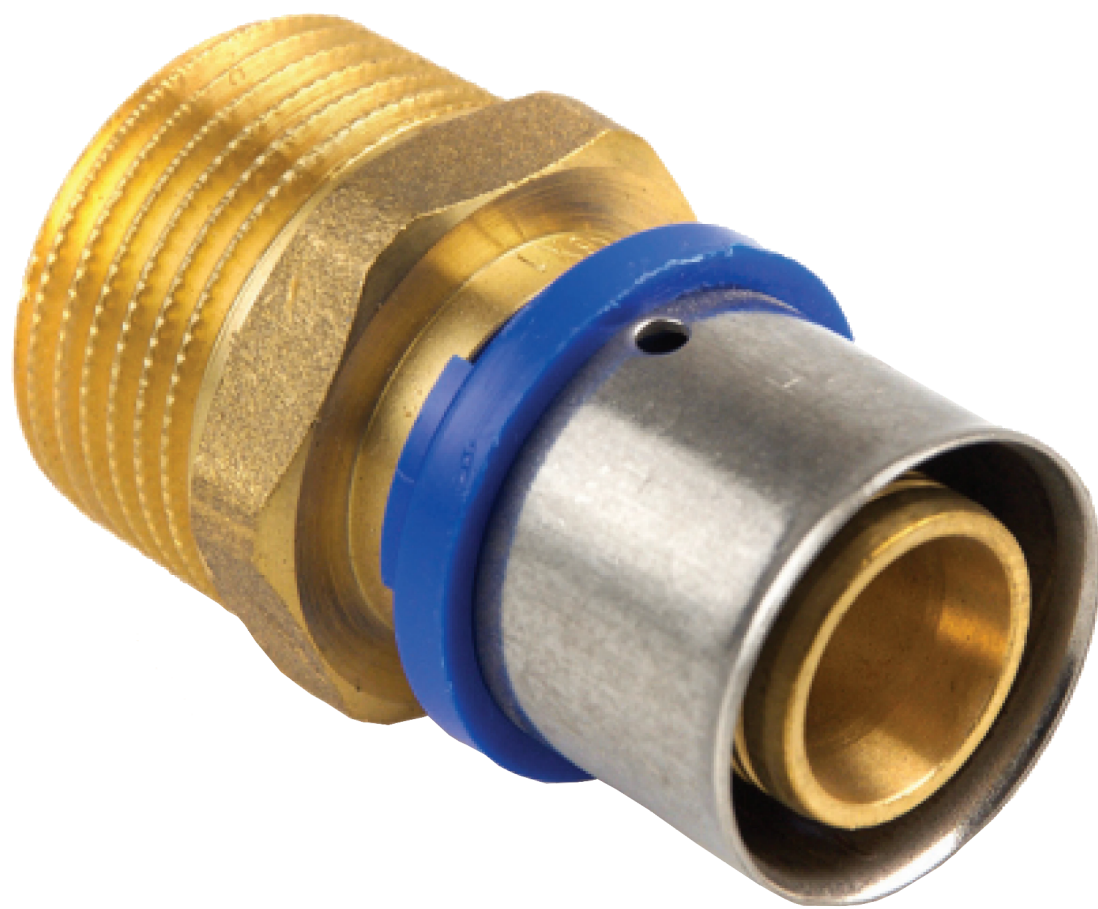
Code	Dimensions	Code	Dimensions
700610	16X1/2"	700616	32X1"
700611	16X3/4"	700617	40x1-1/4"
700612	20X1/2"	700618	50x1-1/2"
700613	20X3/4"	700619	63x2"
700614	26X3/4"	700620	75x2-1/2"
700615	26X1"		





BRASS CONNECTOR WITH EXTERNAL THREAD

Code	Dimensions	Code	Dimensions
700710	16x1/2"	700716	32x1"
700711	16x3/4"	700717	40x1-1/4"
700712	20x1/2"	700718	50x1-1/2"
700713	20x3/4"	700719	63x2"
700714	26x3/4"	700720	75x2-1/2"
700715	26x1"		



BRASS REDUCED CONNECTOR

Code	Dimensions	Code	Dimensions
700510	20X16	700520	50X20
700511	26X16	700521	50X26
700512	26X20	700522	50X32
700513	32X16	700523	50X40
700514	32X20	700524	63X40
700516	32X26	700525	63X50
700517	40X20	700526	75X40
700518	40X26	700527	75X50
700519	40X32	700528	75X63



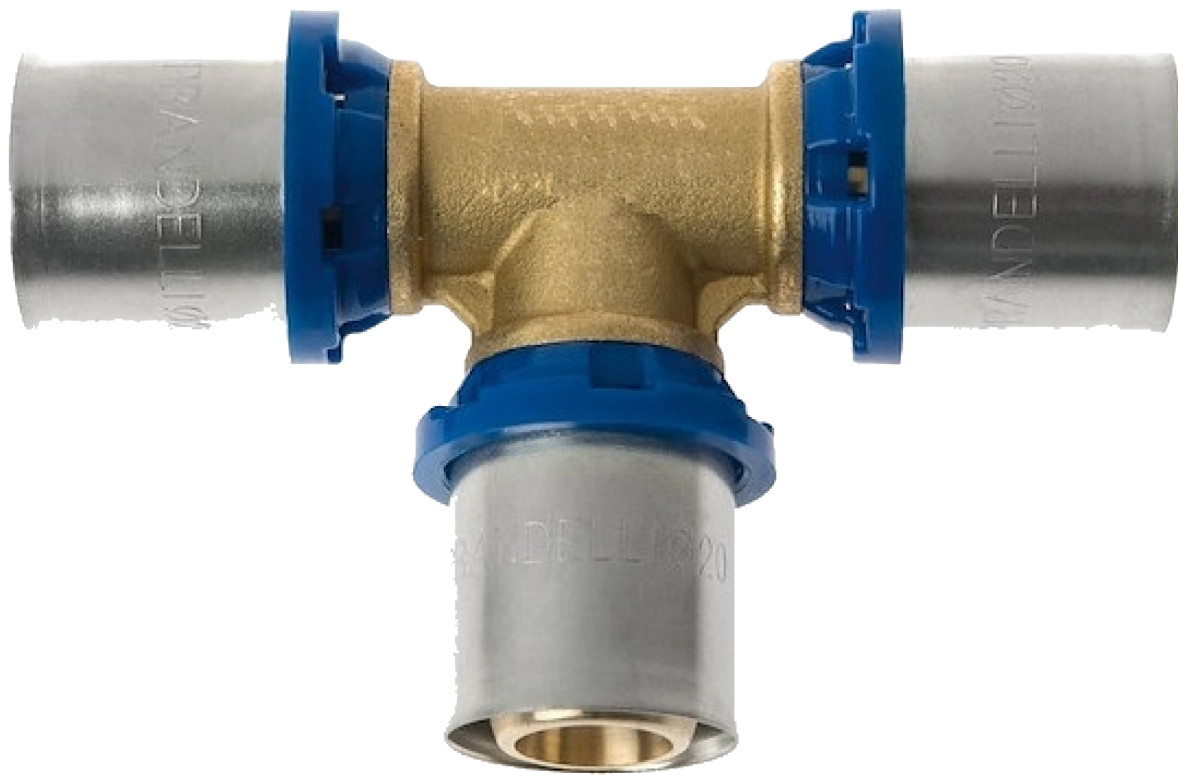
BRASS CONNECTOR

Code	Dimensions	Code	Dimensions
700410	16X2	700414	40X3.5
700411	20X2	700415	50X4
700412	26X3	700416	63X4.5
700413	32X3	700417	75X5



BRASS TEE

Code	Dimensions	Code	Dimensions
700910	16X16X16	700914	40X40X40
700911	20X20X20	700915	50X50X50
700912	26X26X26	700916	63X63X63
700913	32X32X32	700917	75X75X75





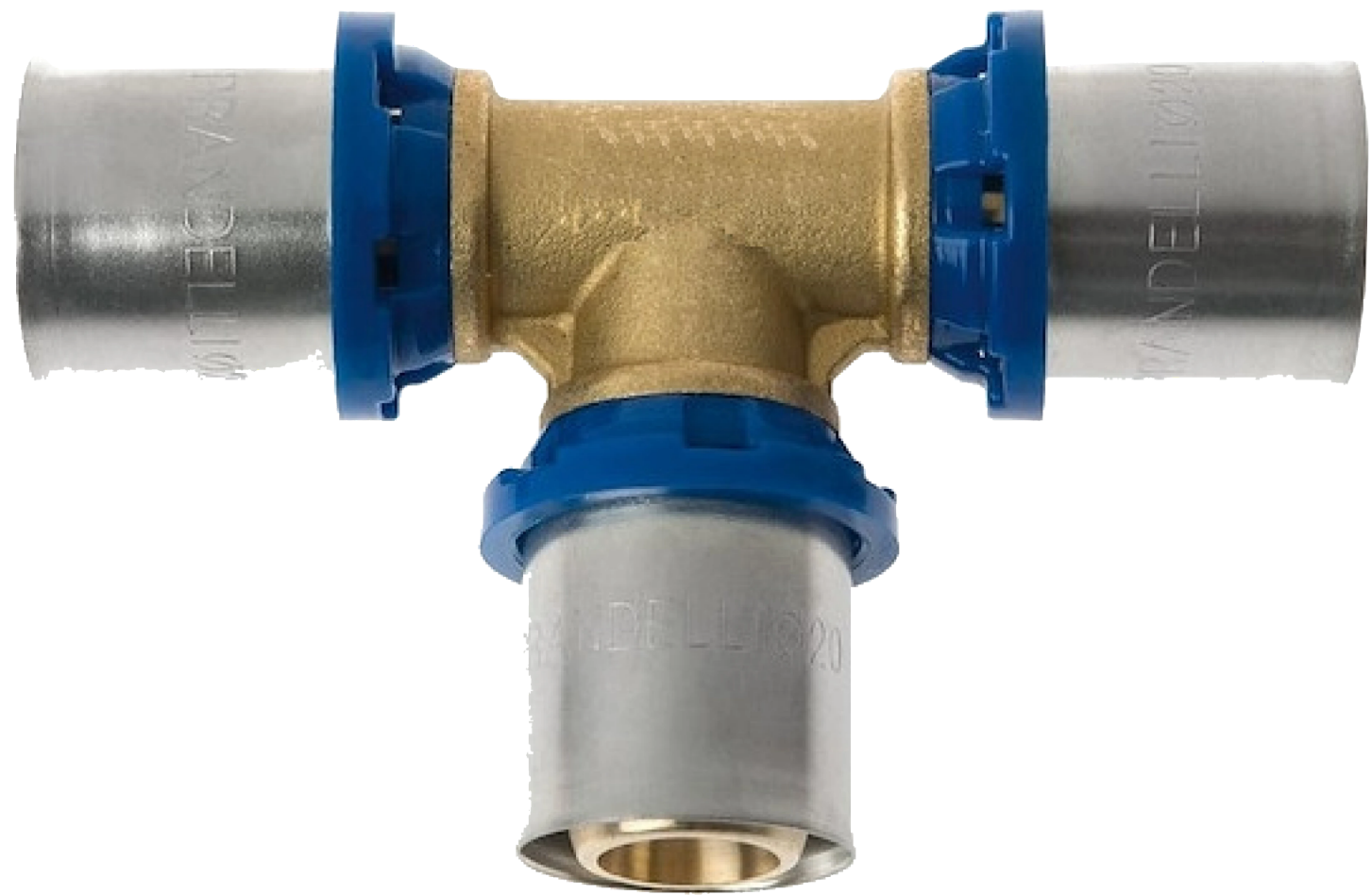
BRASS TEE, INTERNAL THREAD

Code	Dimensions	Code	Dimensions
700810	16x1/2"x16	700813	26x3/4"x26
710810	16x3/4"x16	700814	32x1"x32
700811	20x1/2"x20	700815	40x1-1/4"x40
700812	20x3/4"x20	700816	50x1-1/2"x50
		700817	63x2"x63



REDUCED BRASS TEE

Code	Dimensions	Code	Dimensions
701900	16X20X16	702991	32x26x32
701901	20X16X16	702992	32x26x26
701902	20X16X20	702993	32x32x26
701903	20X20X16	702994	40x20x40
701904	20X26X20	702995	40x26x40
701905	26X16X26	701911	40X32X40
711905	26X16X20	702996	40x32x32
701906	26X20X16	702997	40x40x32
701907	26X20X20	701912	50X20X50
701990	26x20x26	702998	50x40x40
701991	26X26X16	702999	50x26x50
701992	26X26X20	713001	50x32x50
701993	26x32x26	701913	50X40X50
701994	32x16x32	713002	63x26x63
701908	32X20X20	713003	63x32x63
701909	32X20X26	713004	63x40x63
701910	32X20X32	713005	63x50x63
702990	32x26x20	713006	75x50x75
		713007	75x63x75



INCLINED MANIFOLD

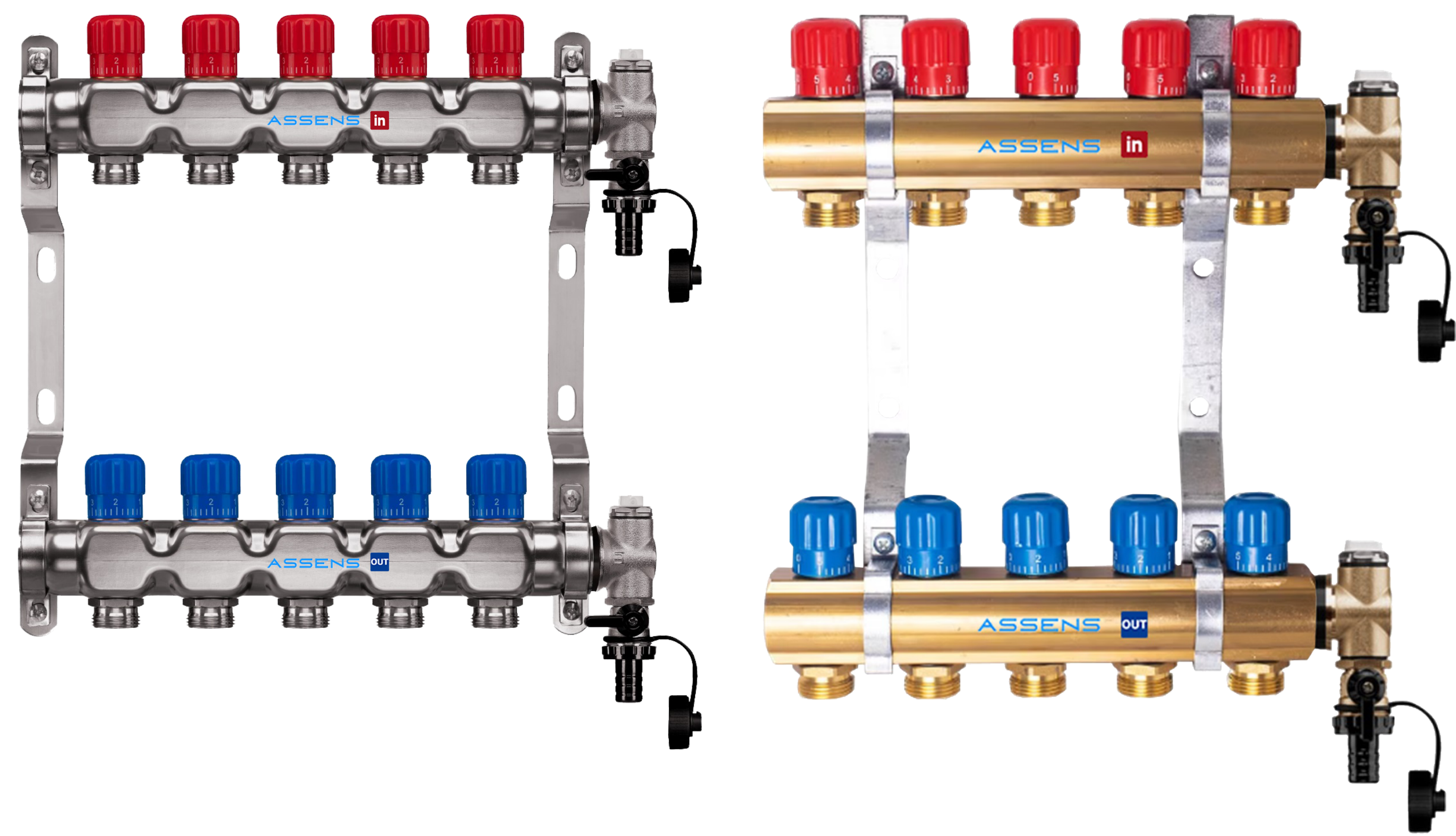
Code	Dimensions	Circuit no.	Code	Dimensions	Circuit no.
703000	1"-3/4" EK	2	703005	3/4"-3/4" EK	4
703001	1"-3/4" EK	3	703006	3/4"-1/2" EK	2
703002	1"-3/4" EK	4	703007	3/4"-1/2" EK	3
703003	3/4"-3/4" EK	2	703008	3/4"-1/2" EK	4
703004	3/4"-3/4" EK	3			





**RADIATORS/SANITARY MANIFOLDS**

Pre-assembled manifolds suitable for radiator heating systems where independent control is required. Made of hydroformed stainless steel at a pressure of 250 MPa or brass. These manifolds are designed for faster and more efficient installation, allowing you to minimize the number of joints and simplifying commissioning and maintenance control.



Code	Type	Material	Number of circuits	Dimensions	Interax (mm)
119702	Sanitary Manifolds	Brass	2	1" - 3/4" EK	210
119703	Sanitary Manifolds	Brass	3	1" - 3/4" EK	210
119704	Sanitary Manifolds	Brass	4	1" - 3/4" EK	210
119705	Sanitary Manifolds	Brass	5	1" - 3/4" EK	210
119706	Sanitary Manifolds	Brass	6	1" - 3/4" EK	210
119707	Sanitary Manifolds	Brass	7	1" - 3/4" EK	210
119708	Sanitary Manifolds	Brass	8	1" - 3/4" EK	210
119709	Sanitary Manifolds	Brass	9	1" - 3/4" EK	210
119710	Sanitary Manifolds	Brass	10	1" - 3/4" EK	210
119711	Sanitary Manifolds	Brass	11	1" - 3/4" EK	210
119712	Sanitary Manifolds	Brass	12	1" - 3/4" EK	210
119713	Sanitary Manifolds	Brass	13	1" - 3/4" EK	210
119714	Sanitary Manifolds	Brass	14	1" - 3/4" EK	210
119715	Sanitary Manifolds	Brass	15	1" - 3/4" EK	210
119716	Sanitary Manifolds	Brass	16	1" - 3/4" EK	210
129702	Sanitary Manifolds	Stainless steel	2	1" - 3/4" EK	210
129703	Sanitary Manifolds	Stainless steel	3	1" - 3/4" EK	210
129704	Sanitary Manifolds	Stainless steel	4	1" - 3/4" EK	210
129705	Sanitary Manifolds	Stainless steel	5	1" - 3/4" EK	210
129706	Sanitary Manifolds	Stainless steel	6	1" - 3/4" EK	210
129707	Sanitary Manifolds	Stainless steel	7	1" - 3/4" EK	210
129708	Sanitary Manifolds	Stainless steel	8	1" - 3/4" EK	210
129709	Sanitary Manifolds	Stainless steel	9	1" - 3/4" EK	210
129710	Sanitary Manifolds	Stainless steel	10	1" - 3/4" EK	210
129711	Sanitary Manifolds	Stainless steel	11	1" - 3/4" EK	210
129712	Sanitary Manifolds	Stainless steel	12	1" - 3/4" EK	210



# ASSENS

*Listen to your senses*



## BUYER`S GUIDE

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# 2024

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