

MORE FTA

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Innovative dry heating
and cooling system,
low thickness, low inertia
and high efficiency.
Can be installed on
the floor, wall or ceiling.

MORE FTA

is the innovative dry radiant heating system with high speed reaction that can be installed on the floor, wall or ceiling and does not require a screed.

Its very small overall footprint enables the realization of finished systems in less than 35 mm thickness.



Comfort meets efficiency

- Low thickness
- High reaction speed
- Energy efficiency



MORE
FTA

MORE
PROBE
ENVIRONMENT

MORE FTA + MORE FTAs



MORE FTAs
CEILING
INSTALLATION

MORE FTAs
WALL-MOUNTED
INSTALLATION

MORE FTA
FLOOR
INSTALLATION

MORE FTA
FLOOR
INSTALLATION

What is MORE FTA

The **MORE FTA** system consists of a high-strength panel mechanically, made of sintered expanded polystyrene type EPS 300, molded with closed cells, coated on the top with aluminum foil, suitable for the realization of radiant air conditioning systems with reduced thickness, without screed and load dividers, with direct installation of the flooring on the panel and characterized by very low thermal inertia. The permanent compressive strain stress value of 90 kPa allows considering a load of up to 570 kg distributed on a single tile with dimensions 25x25 cm.

Equipped with parallel rectilinear seats for housing the pipe $\varnothing 16 \times 2$ mm with preshaped pitch and head bends pre-shaped in the panel.

The special conformation of the rails allows the system to be laid in a double-coil configuration for a more homogeneous distribution of heat in favor of perceived climatic Wellbeing compared to single-coil laying typical of dry systems.

Plus

- **HIGH MECHANICAL STRENGTH**

(570 kg x 25x25 cm tile)

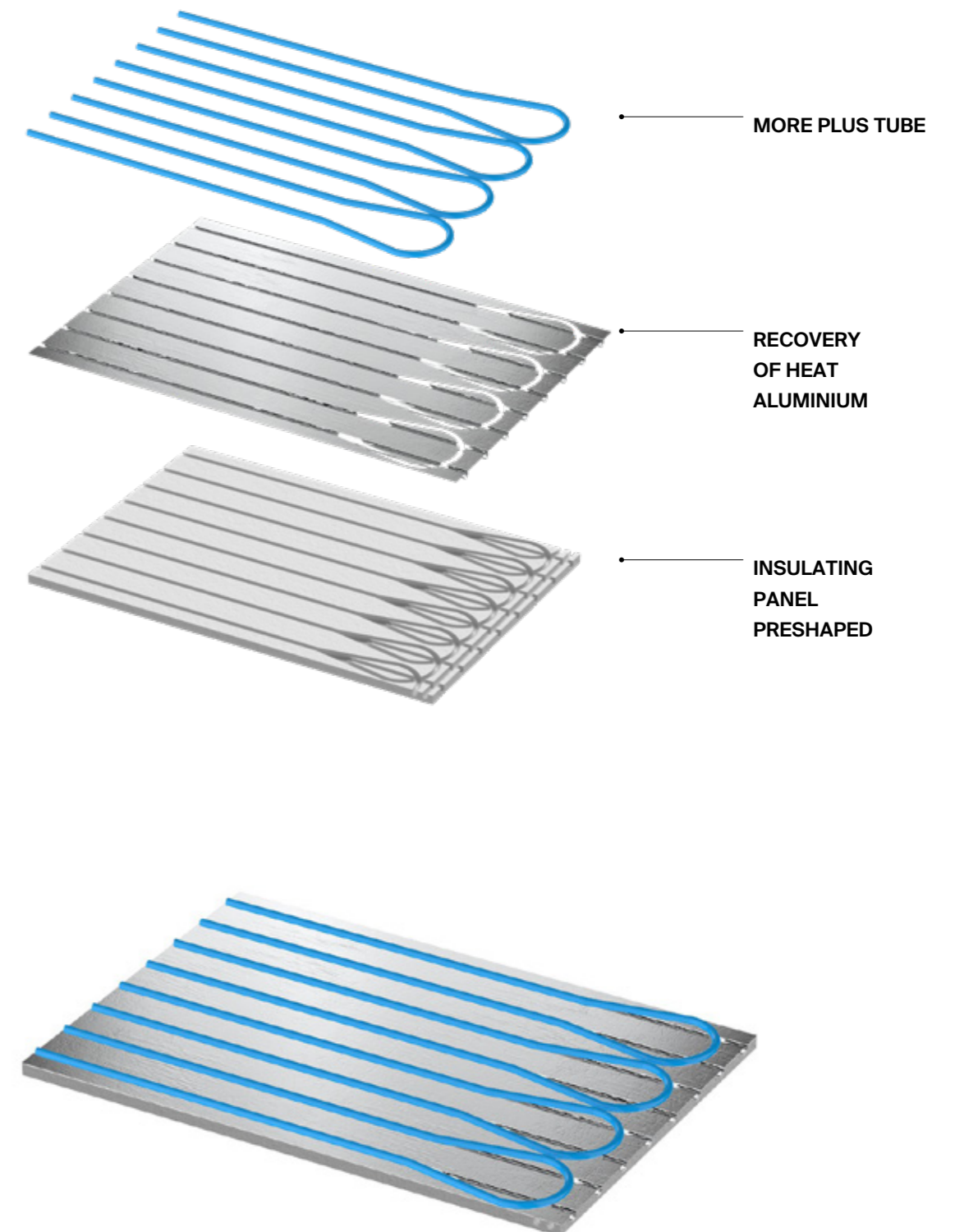
- **UNIFORM TEMPERATURE DISTRIBUTION**

Double serpentine system

- **DIRECT FLOOR LAYING**

No need for load dividers

STRATIGRAPHY



Why MORE FTA

Thanks to its reduced thickness and very low thermal inertia, the panel **MORE FTA** represents the ideal solution for new construction or redevelopment in any area of use. The rapid thermal response allows for shorter system set-up and response times to disturbances, which combines well with the high inertia of the building envelope.

MORE FTA can be installed on any type of planar substrate and on existing floors, and can also be applied to walls, ceilings and false ceilings.

MORE FTA, thanks to its flexibility, is compatible with any type of finish: ceramic, parquet, resin, marble, stone, resilient flooring type LVT - SPC.

ADVANTAGES

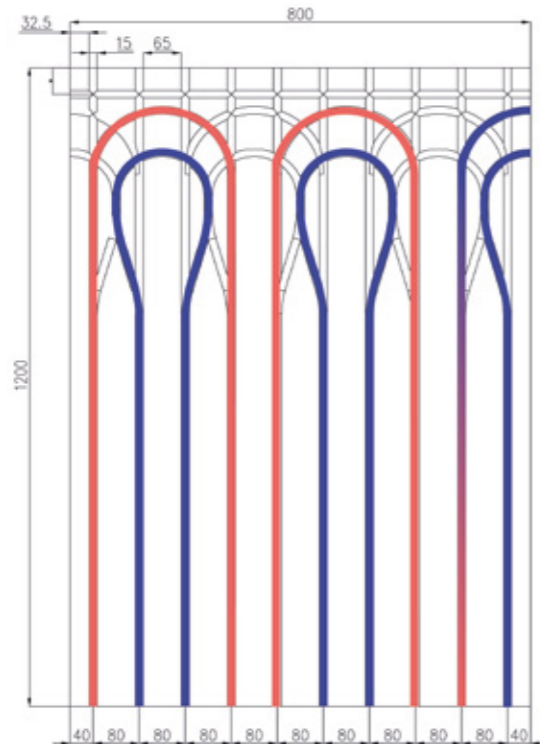
| | |
|--|--|
| Reduced time construction site | It is neither necessary to wait for the cementitious screed to dry (21 gg), nor to perform the mandatory thermal shock for traditional systems (7 gg). |
| Laying on existing flooring | The system can be laid on existing flooring, without requiring demolition or invasive work. |
| Minimum footprint | Min. overall thickness 35 mm, including flooring. |
| Very low thermal inertia | The system is able to regulate temperature very quickly and precisely. |
| Versatility | Allows wood, laminate or ceramic finish coatings to be laid directly on the panel. |
| Energy saving and high efficiency | Due to the radiant nature of heat emission, underfloor systems require lower operating temperatures than conventional heating systems. This contributes to significant energy savings, reducing overall heating costs and making buildings more environmentally sustainable. |
| Wellness climate | Uniform heat distribution. Thermal insulation under the pipeline limits heat loss. |
| Control | Integrated control with temperature control system, chronothermostatic control of room temperature and radiant surface, remote management of functions from smartphones. |
| Does not require of screed | The system does not require screed to be laid, thus reducing construction time and installation costs. |
| Simplicity of laying | The system is composed of pre-shaped EPS panels to accommodate piping, coupled with a smooth aluminum heat conducting foil. Precise grooves for 16 mm OD piping allow for quick and intuitive installation, reducing installation time and complexity. |
| Integration architectural | The system integrates seamlessly into existing architecture without compromising the aesthetics of spaces.zi. |
| Can be installed on the floor, wall and ceiling | The versatility of the system allows installation on the floor, wall and ceiling, offering maximum design flexibility and the possibility to optimize the use of spaces according to the specific needs of the client. |

Production range

MORE FTA

Installation pitch 80 mm

This panel allows the installation of double coil circuits with compensated return. This configuration further improves the thermal efficiency and management of room climate control, for a more homogeneous distribution of heat in favor of climatic Wellbeing.

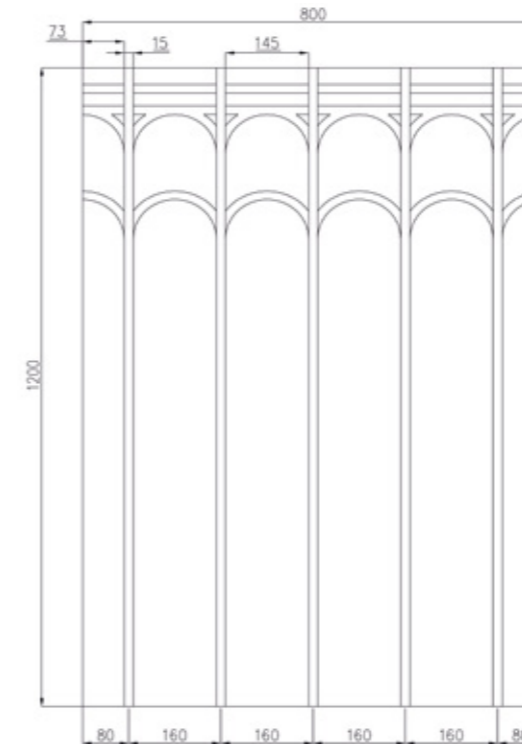


Panel with 80 mm installation centre distance

MORE FTA

Installation pitch 160 mm

This panel allows the installation of coil circuits with an installation pitch of 160 mm. It ensures even heat distribution and efficient space conditioning.



Panel with 160 mm installation centre distance

PRODUCTION RANGE

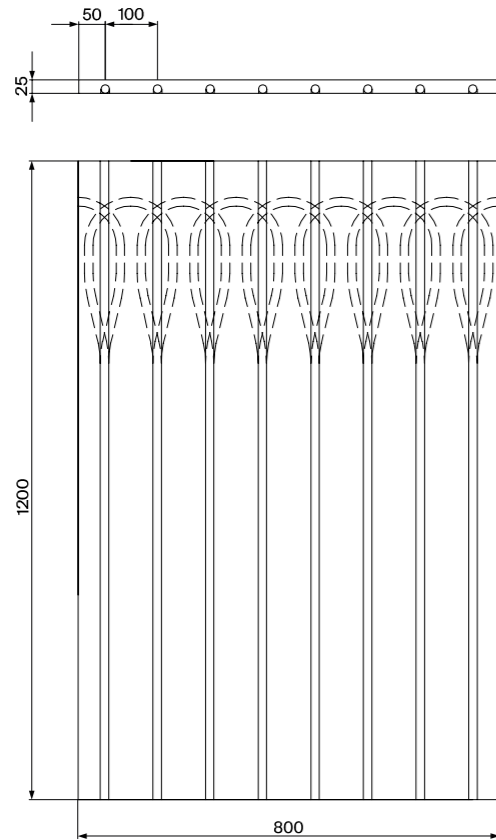
| Description | Code | Panel dimensions [mm] | Th. Insulation [mm] | Thermal res. m ² K/W | No. of panels per pack | Usable surface covered by 1 package |
|---|-----------|-----------------------|---------------------|---------------------------------|------------------------|-------------------------------------|
| MORE FTA panel installation pitch 80 mm Serie 3977B | 3977M2010 | 1200x800 | 20 | 0,51 | 23 | 22,08 m ² |
| | 3977M2510 | 1200x800 | 25 | 0,66 | 19 | 18,24 m ² |
| | 3977M3310 | 1200x800 | 33 | 0,90 | 15 | 14,4 m ² |
| | 3977M4810 | 1200x800 | 48 | 1,36 | 10 | 9,6 m ² |

PRODUCTION RANGE

| Description | Code | Panel dimensions [mm] | Th. Insulation [mm] | Thermal res. m ² K/W | No. of panels per pack | Usable surface covered by 1 package |
|--|-----------|-----------------------|---------------------|---------------------------------|------------------------|-------------------------------------|
| MORE FTA panel installation pitch 160 mm Serie 3977A | 3977M2000 | 1200x800 | 20 | 0,56 | 23 | 22,08 m ² |
| | 3977M2500 | 1200x800 | 25 | 0,71 | 19 | 18,24 m ² |
| | 3977M3300 | 1200x800 | 33 | 0,95 | 15 | 14,4 m ² |
| | 3977M4800 | 1200x800 | 48 | 1,41 | 10 | 9,6 m ² |

MORE FTAs**Installation pitch 100 mm**

This panel allows the installation of serpentine circuits with an installation pitch of 100 mm. It ensures even heat distribution and efficient space conditioning.



Panel with 100 mm installation centre distance

PRODUCTION RANGE

| Description | Code | Panel dimensions [mm] | Th. Insulation [mm] | Thermal res. m ² K/W | No. of panels per pack | Usable surface covered by 1 package |
|---|-----------|-----------------------|---------------------|---------------------------------|------------------------|-------------------------------------|
| MORE FTAs panel installation pitch 100 mm | 3841M2500 | 1200x800 | 25 | 0,68 | 19 | 18,24 m ² |
| | 3977M3300 | 1200x800 | 33 | 0,92 | 15 | 14,4 m ² |
| | 3977M4800 | 1200x800 | 48 | 1,37 | 10 | 9,6 m ² |



The MORE FTA system

MORE FTA

High-efficiency insulation panel for dry installation, made of EPS 300 sheet milled for pipe laying and coated superficially with a layer of aluminum



MORE PLUS

4-layer polyethylene pipe (PE-RT Typell/EVOH/PE-RT) for underfloor heating



MORE ZONE

Brass multi-zone modular manifold kit



MORE FIL

Flush-wall cassettes that can be integrated with any type of finish: masonry, plasterboard, ceramic and wood



MORE SET

Integrated system of climatic regulation, supervision and control of climatic wellbeing



Technical data sheet



Frame the Qr code
to consult
the data sheet

Installation



Frame the Qr code
to consult the
installation manual

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MORE
the wellbeing

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