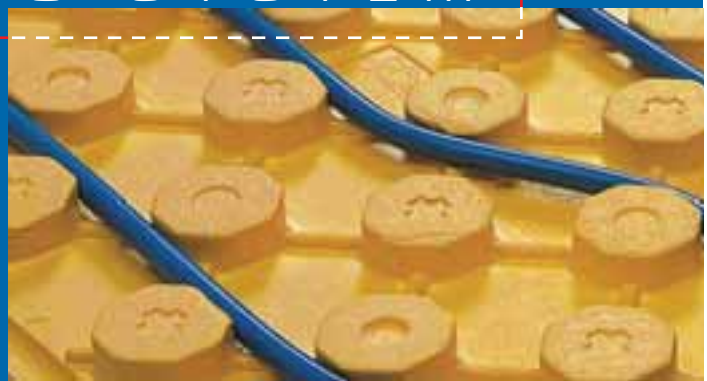


RDZ

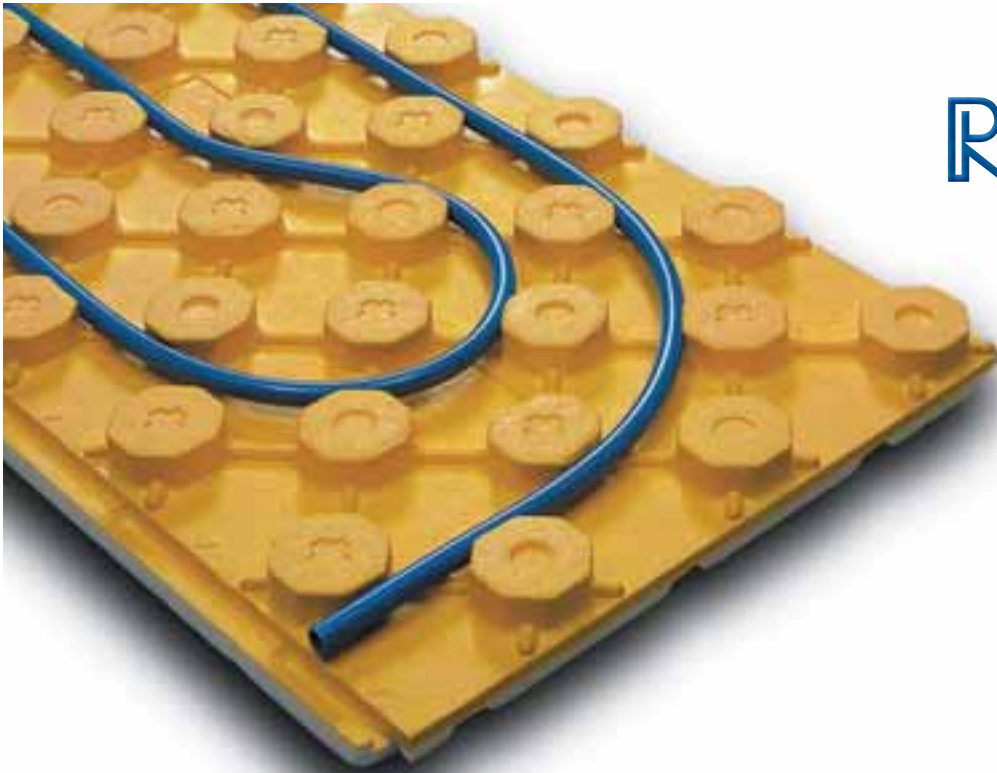
FLOOR HEATING SYSTEM



Cover
SYSTEM

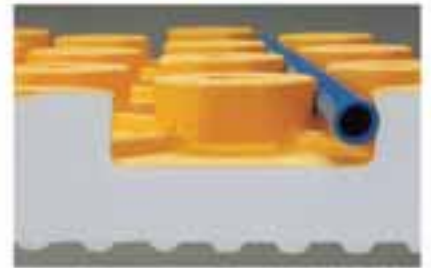
RDZ system

The "Cover" System is the result of constant search for technologically advanced materials and RDZ's considerable experience; that is why RDZ has become one of the Italian leading companies in this sector.



-  **FAST AND SIMPLE INSTALLATION**
-  **BETTER COMFORT**
-  **CONSIDERABLE SAVINGS**

-  **MAXIMUM FREEDOM IN TERMS OF FURNITURE**
-  **SUMMER COOLING**



Cover



PE-Xc Pipe

It is made of high-quality polyethylene, electronically reticulated with no additional chemical components, provided with an oxygen barrier according to DIN EN 15875 and DIN 4726. This process enables even and stable reticulation, which guarantees constant characteristics over time.



The "Cover" Panel

It is made of high-density sintered press-forged polystyrene, and it is then combined with a special film made of stiff polystyrene.

This process gives greater resistance to the panel, and it creates a steam barrier in the perfectly even structure.

The special conformation of the panels makes for fast and simple installation. The reliefs on the underside act as acousting insulation, and they are extremely useful in terms of adaptability to foundations.

"Plus" Perimetral Frame

It is made up of an adhesive strip on one side, while on the other side it is provided with a special polyethylene combined sheet in order to avoid infiltrations of mortar between frame and panel.



"Cover" system

It stands out for its components and for its well-made, professional installation in radiant floor systems.

"Top Control" Manifolds

They are distribution manifolds to control each single room manually or automatically. They are provided with a self-cleaning measuring unit for flow in each single circuit, as well as thermometers to control the difference in temperature, taken by the installation, and the difference in temperature in each circuit.



FAST AND SIMPLE INSTALLATION

Technical features of "COVER" PANELS

		COVER 20	COVER 30	COVER 40	
FEATURES	Thermal Conductivity 10°C (UNI EN 12667 - 12939)	0.035 W/(m·K)	0.035 W/(m·K)	0.035 W/(m·K)	
	Compressive Strength 10% (UNI 826)	150 kPa	150 kPa	150 kPa	
	Compressive Strength 2% (UNI 826)	110 kPa	110 kPa	110 kPa	
	Thermal resistance (UNI EN 12664)	0.80 (m ² ·k)/W	1.05 (m ² ·k)/W	1.35 (m ² ·k)/W	
	Equivalent total thickness	28.2 mm	38.2 mm	48.2 mm	
	Noise Reduction (EN ISO 717/2)	19 dB	21 dB	n.d.	
	Duty Temperature	70°C	70°C	70°C	
	Thickness of Combined Film	150 micron	150 micron	150 micron	
	SIZES	BREADTH (UNI 822)	mm. 1000	mm. 1000	mm. 1000
		LENGTH (UNI 822)	mm. 500	mm. 500	mm. 500
INSULATING THICKNESS		mm. 20	mm. 30	mm. 40	
STANDARD THICKNESS (UNI 823)		mm. 48	mm. 58	mm. 68	
PACKAGE		n. Panels 24 – approximate weight:	Kg. 11	Kg. 12	Kg. 13

*Results based on tests performed with artificial sources in laboratory conditions.

Sticking of the
"PLUS"
PERIMETRAL
FRAME



Laying and proper
Alignment of
"COVER" PANELS



Laying of PE-Xc
Pipe



Laying of
ANTI-SHRINKAGE
MESH

RDZ

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