

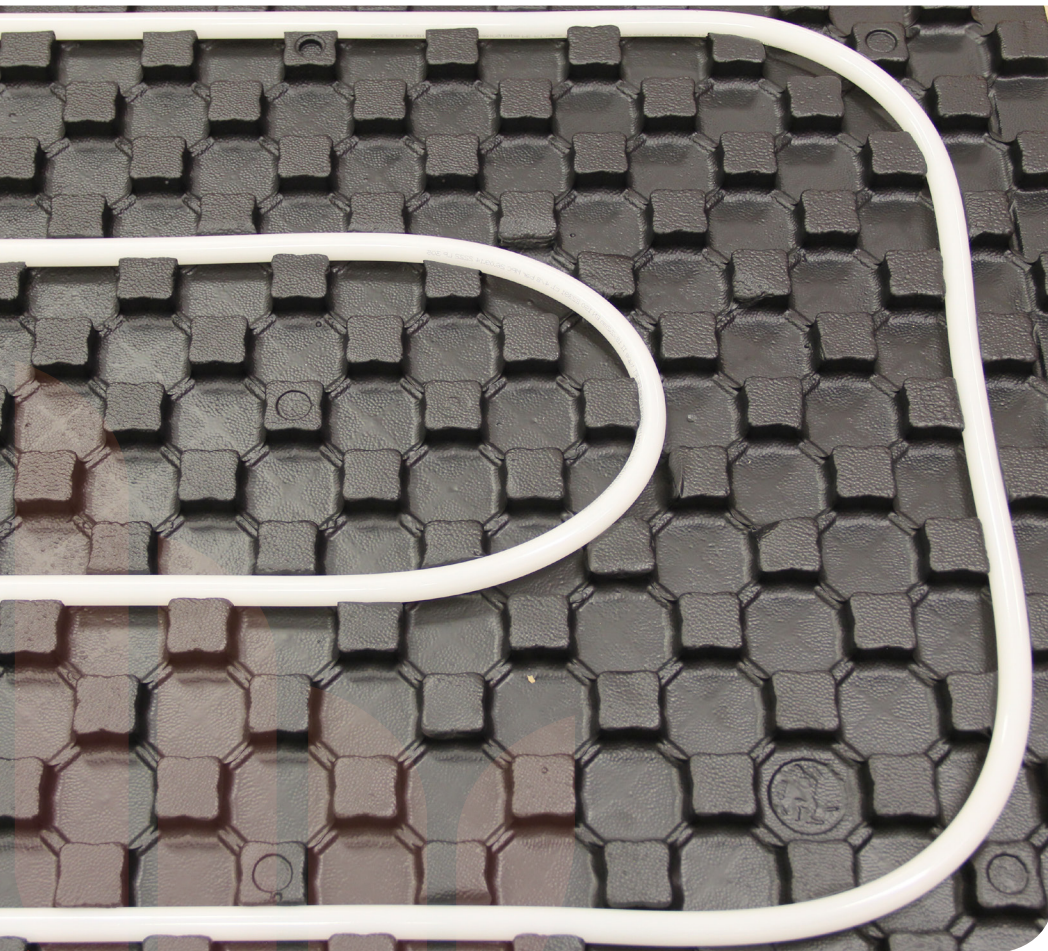
PIPE POSITIONING BOARD

MANUFACTURED BY:



The R982Q pre-formed panel is used in radiant underfloor systems as an insulating support for the pipes.

The use of the panel is essential for creating a modern, practical system.



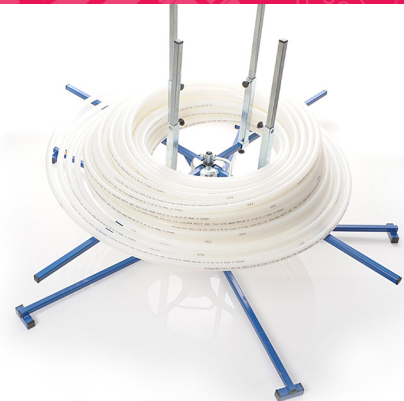
MEASUREMENTS

1450 x 800 x 37 (H x W x D) mm



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The R982Q pre-formed insulating panel, made of sintered foam polystyrene (EPS) in accordance with EN 13163, is coupled with a special 0,4 mm protective layer in polystyrene (PS). The notable thickness of the covering ensures the excellent mechanical resistance of the "mushrooms", ensuring the most suitable panel density for the required thermal/acoustic insulation characteristics.

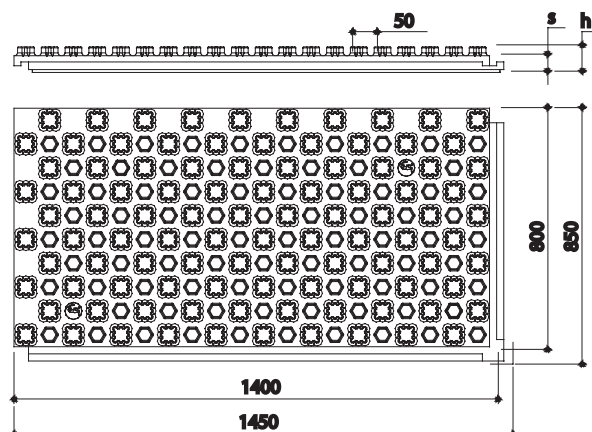
The profile solutions adopted ensure the firm, precise coupling of the panels, the possibility to lay the radiant circuits without any need for pipe-fixing clips (in most installations), and advantages in the casting of the screed (avoiding the formation of air pockets that would inevitably reduce the efficiency of the radiant floor).

The use of the R982Q pre-formed panel therefore saves time when laying the pipes, and allows the creation of circuits with 50 mm pitches and multiples thereof (typical of radiant floor heating and cooling systems) in an orderly manner, even in the most difficult situations.

Technical Data

Insulating panel	
Product code	R982QY013
Effective dimensions	1400 x 800 mm
Effective surface	1,12 m ²
Panel dimensions	1450 x 850 mm
Panel surface	1,23 m ²
Total thickness	37 mm sheet: 15 mm + mushroom: 22 mm
Pipe diameter	15-18 mm
Allowed pitches	multiples of 50 mm
Quantity of piping per m ²	100 mm pitch: 10 m 150 mm pitch: 6,67 m
Pre-formed insulating sheet	
Material Sintered	foam polystyrene PS30 (EPS150)
Application range	30 kg/m ³
Thermal conductivity, λD	0,034 W/(m K)
Thermal resistance Rλ	1,00 m ² K/W
Minimum compression resistance at 10% crushing	150 kPa (1,5 kg/cm ²)
Anti-fire protection in accordance with DIN4102	B2 (Euroclass E)
Classification as per EN13163	EPS-EN13163-T1-L1-W1-S1-P3 DS(N)5-DLT(1)5-BS250-CS(10)150
Protective layer	
Material	Polystyrene (PS)
Thickness	0,4 mm

Dimensions



References

- UNI EN 1264
Underfloor heating – Systems and components
- EN 13163
Thermal insulation products for buildings – Factory made products of expanded polystyrene (EPS) – Specification
- UNI EN 12354-2
Acoustics in construction – Evaluation of acoustic performance of buildings starting from products performance– Trampling insulation