

TECHNICAL DATA SHEET NO. TDS -INSIT0072-17.10/EN

DESCRIPTION

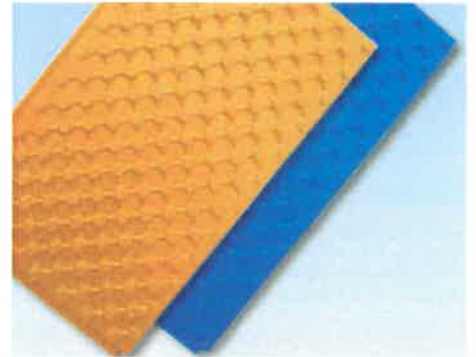
Modular molded polystyrene foam insulating panel, coated with HIPS sheet with radiant tube holding grid, in compliance with EN 13163.

Gross dimensions: 1230 x 730 mm

Net dimensions: 1200 x 700 mm

USES

- Thermal insulation of hydronic radiant floor heating system



Technical properties		Values	Unit	Norm
Tolleranza dimensionali	Length	± 0,6	%	EN 822
	Width	± 0,6	%	EN 822
	Thickness	± 2	mm	EN 823
	Planarity	≤ 5	mm	EN 825
	Squareness	≤ 2	mm/m	EN 824
Pitch		50	mm	-
Heating pipe diameter (suggested)		16 - 18	mm	-
Compressive strength at 10% max deformation		CS(10)150 ≥ 150	kPa	EN 826
Declared thermal conductivity λ_D		0,034	W/mK	EN 12667
Reaction to fire		F	Euroclass	EN 13501-1

Dimensions	Values	Unit	Norm
Length (net value)	1200	mm	EN 822
Width (net value)	700	mm	EN 822
Total thickness	35 + 70	mm	EN 823

Total thickness [mm]	35	40	43	45	50	60	65	70
Base thickness [mm]	15	20	23,5	25	30	40	45	50
Effective thickness according to EN 1264-3 [mm]	18,1	22	25,5	27	32	42,5	47	52
Thermal resistance - R_D [(m ² ·K)/W]	0,50	0,65	0,75	0,80	0,90	1,25	1,35	1,50

CE MARKING

Unique identification code of the product-type: INSIT0072