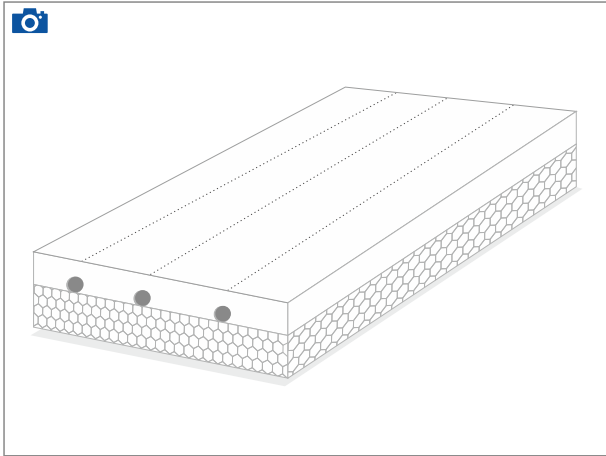


STANDARD

Prefabricated radiant panel suitable for construction. The STANDARD plasterboard panel is 15 mm thick, with 27mm EPS 100 insulation and snail layout with PE-XC pipes Ø 8x1 mm with oxygen-barrier up to 5 cm pipe spacing.



APPLICATION FIELD

RESIDENTIAL SECTOR

INDUSTRIAL SECTOR

TERTIARY SECTOR

TYPE OF LYING

CEILING

SUSPENDED CEILING

WALL

DATE AND TOLERANCES

PLASTERBOARD TYPE	Type A standard sheet consisting of a hydrated gypsum-based core, overlaid on both sides with cellulosic material acting as external strengthening element.
PANEL THICKNESS	42 mm
PLASTERBOARD THICKNESS	15 mm
INSULATION THICKNESS	27 mm
EXPANDED POLYSTYRENE DENSITY	EPS 100
INSULATING THERMAL CONDUCTIVITY (λ_0)	w/mk 0,035
SHEET THERMAL CONDUCTIVITY (λ_0)	w/mk 0,25
PIPE DIAMETER	8 mm
PIPE MATERIAL	PE-XC with oxygen-barrier
PIPE SPACING	50 mm
PIPE LAYOUT	Snail
CLASS OF REACTION TO FIRE	A2-s1,d0(B) in accordance with EN 13501-1
LONGITUDINAL EDGE	Thin
LEADING EDGE	Straight
TOLERANCE	± 0,5
OPERATING TEMPERATURE	Heating: 27-32 °C Cooling: 15-20 °C

TECHNICAL DATA

Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Circuit length (mt)	Water content (kg)	Packages (sqm)
2000	600	42	14	19.4	0.9	60
2000	1200	42	29	41	1.8	60
1000	1200	42	14	19.5	0.9	60
500	1200	42	7	9.1	0.4	60