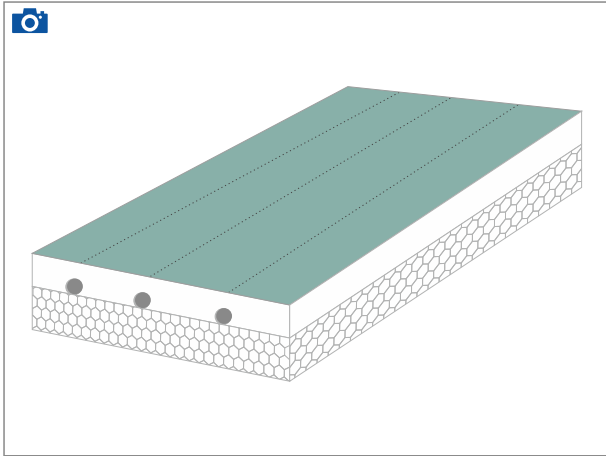


IDRO

Prefabricated radiant panel suitable for environments with high humidity level. The WATER-REPELLENT plasterboard panel is 15 mm thick, water-green coloured with 27mm EPS 200 insulation and snail layout with PE-XC pipes \varnothing 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 H2 sheet with low water absorption.
PANEL THICKNESS	40 mm
PLASTERBOARD THICKNESS	13 mm
INSULATION THICKNESS	27 mm
EXPANDED POLYSTYRENE DENSITY	30 kg/m ³
INSULATING THERMAL CONDUCTIVITY (λ_0)	w/mk 0,033
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	\pm 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	40	14	19.4	0.9	60
2000	1200	40	29	41	1.8	60
1000	1200	40	14	19.5	0.9	60
500	1200	40	7	9.1	0.4	60