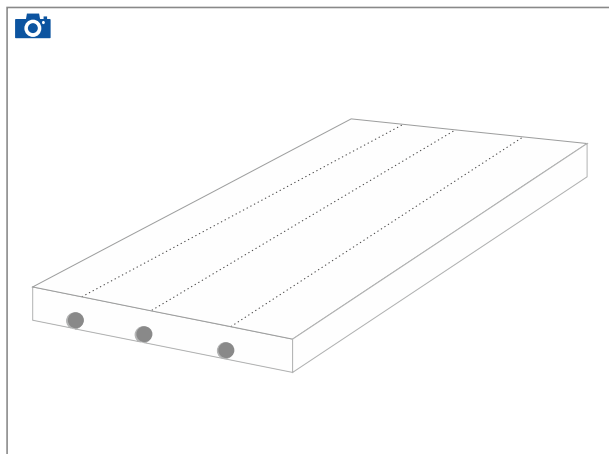


DUR

Special prefabricated radiant panel with glass and wood fibre additives that provide the product with a high degree of surface **HARDNESS**, mechanical strength, moisture resistance and fire protection; consisting of a 15 mm thick gypsum board **WITHOUT INSULATION** paired with PE-RT pipe 8x1 mm with EVAL oxygen barrier in spiral circuit with a spacing of 50 mm. The panel can also be fastened by a nail gun for wood.



APPLICATION FIELD

RESIDENTIAL

TIMBER COSTRUCTION

INSTALLATION TYPE

CEILING

WALL

DATA AND TOLERANCES

PLASTERBOARD TYPE	Special board type with increased core density, whose gypsum is additionally added with glass and wood fibres to obtain high surface hardness and mechanical strength. Plasterboard type H1 with reduced water absorption rate, suitable in high humidity environments and plasterboard type f with high fire resistance.	
PANEL THICKNESS	45 mm	
PLASTERBOARD THICKNESS	15 mm	
POLYSTYRENE DENSITY	30 kg/m ³	
INSULATION THERMAL CONDUCTIVITY (λ_0)	w/mk 0,033	
BOARD THERMAL CONDUCTIVITY (λ_0)	w/mk 0,25	
PIPE DIAMETER	8 mm	
PIPE MATERIAL	PE-RT with EVAL oxygen barrier	
LAYING SPACING	50 mm	
LAYING FORM	Spiral	
REACTION TO FIRE CLASSIFICATION	A1 (B)	
LONGITUDINAL EDGE	Thin	
HEAD EDGE	Straight	
TOLERANCE	± 0,5	
OPERATING TEMPERATURE	Heating 27-32 °C	Cooling 15-20 °C

TECHNICAL DETAILS

Lenght (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Circuit lenght (mt)	Water content (kg)	Packages (mq)
2000	600	15	14	19.4	0.9	60
2000	1200	15	29	41	1.8	60
1000	1200	15	14	19.5	0.9	60
500	1200	15	7	9.1	0.4	60