

FIBER 18 PANELS



Underfloor heating and cooling system including modular gypsum fibreboard, thickness 18 mm, and suitable milling for PB pipe \varnothing 12x1.3 mm. Thanks to its compact features it is the ideal solution for renovation projects. Once the modular boards have been installed and circuits have been laid according to the project, a special layer of casting compound is poured and spread to 3-mm thickness above the pipe, creating a solid screed with high mechanical properties.



Code 1111015



Code 1111020



Code 1111030



Code 1111040

Features	Value	Unit
Board size	1200x600	mm
Nominal thickness	18	mm
Thermal conductivity	0.32	W/(m · K)
Density	1150	Kg/m ³
Weight Per Sq Metre		
Fire reaction class (EN 13501-1)	A2,s1-d0	
Water vapour diffusion resistance factor	13	μ
Swelling after 24h of exposition to water	<2	%
Specific heat	1,1	kJ/KgK
Coefficient of thermal expansion	0.001	%/K
Expansion due to moisture level change of 30% at 20 °C	0,25	mm/m
pH value	7-8	
Brinell toughness	30	N/mm ²
Flexural strength (EN 15283-2)	Cod. 1111015	5,58
	Cod. 1111020	6,26
	Cod. 1111030	7,16
	Cod. 1111040	7,16

