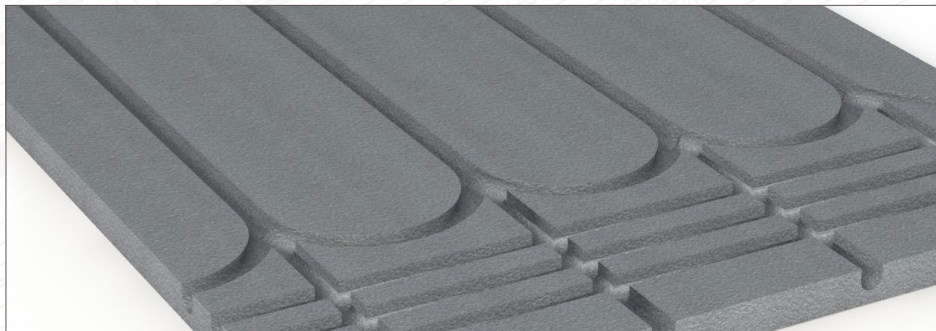




Therm

RETROFIT GRAPHITE PANEL



PROPERTIES		VALUE		UNIT	STANDARD	CE CODE
Density (Typical vlaue)		33		Kg/m ³	EN1602	
Thermal Conductivity Declared		0.031 0.032	< 150mm ≥ 150mm	W/m.K W/m.K	EN13164	λ_D
Compressive stress or compressive strength @10% deformation		300		kPa	EN826	CS(10V)
Tensile Strength ⁽¹⁾		600		kPa	EN1607	TR
Shear Strength		250		kPa	EN12090	SS
Moduli (Typical values)	E-Modulus(1)	12 15 20 24	< 30.0 mm 30<≤80.0mm > 80.0mm > 50.0mm	MPa MPa MPa MPa	EN826 EN826 EN826 EN1607	
	Tensile Modulus(1)	8 ⁽²⁾		MPa	EN12090	
	Shear Modulus G					
Water vapour diffusuin resistance factor μ		150		-	EN12086	MU
Long term water absorption by total immersion		1.5		%	EN12087	WL(T)
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)		< 5		%	EN1604	DS(70,90)
Coefficient of linear thermal expansion (Typical value)		0.07		mm/(m.K)	-	-
Fire Performance		E		Euroclass	EN13501-1	
Temperature Limits		-50/+75	400 kPa	°C	-	
Tolerances	Thickness	-0.5/+0.5		mm	EN823T	
	Width	-0/+3	< 700.0mm	mm	EN822	
	Width	-0/+5	> 700.0mm	mm	EN822	
	Length	-0/+10		mm	EN822	
Dimensions	Thickness	20		mm	EN823	
	Width	600		mm	EN822	
	Length	1200		mm	EN822	
Edge Profile		Butt Edge				
Surface Finish		Planed				

EXPLORE THE *Warmth*