

TECHNICAL SPECIFICATIONS

Construction board **JACKOBOARD®**

Properties		Standard	Unit	XPS core
Bulk density		EN 1602	kg/m ³	> 30
Thermal conductivity λ_D (ageing process without gas-tight lamination)		EN 13164	W/(m·K)	0,036
Compressive strength and/or compressive stress at 10 % compression		EN 826	N/mm ²	> 0,25
Change in dimension under defined conditions	70°C temperature 90 % relative humidity	EN 1604	%	≤ 5
	70°C temperature 40 kPa pressure	EN 1605	%	≤ 5
Vapour diffusion resistance factor μ (dependent on the thickness)		EN 12086		200 – 60
Water absorption on long-term immersion		EN 12087	%	≤ 1
Linear thermal expansion coefficient		–	mm/(m·K)	0,07
Fire behaviour		EN 13501-1	Class	Euroclass E
Working temperature			°C	-50/+75

Properties		Standard	Unit	Construction board
Tensile strength		EN 1607	kPa	> 200
Maximum Tile Loading Weight		–	kg/m ²	100 ¹⁾
Tolerances Width		EN 822	mm	± 2
Tolerances Length		EN 822	mm	± 2
Tolerances Rectangularity		EN 824	mm/m	≤ 5
Tolerances Evenness		EN 825	mm	≤ 2
Edge profile				butt edge

¹⁾ if bolting onto a stud frame, board must be at least 20 mm thick