

# JACKOBOARD®

## Construction board – Technical specifications.

Properties	Standard	Unit	XPS core	
Bulk density	EN 1602	kg/m <sup>3</sup>	> 30	
Thermal conductivity $\lambda_D$	EN 13164	W/(m · K)	0,034 <sup>1)</sup>	
Compressive strength and/or compressive stress at 10 % compression	EN 826	N/mm <sup>2</sup>	> 0,30 <sup>2)</sup>	
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 $\mu$ (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	JACKOBOARD® Plano	JACKOBOARD® Plano Premium	
Tensile strength	EN 1607	kPa	≥ 200	≥ 200	
Maximum Tile Loading Weight	-	kg/m <sup>2</sup>	100 <sup>3)</sup>	100 <sup>3)</sup>	
Tolerances	Width	EN 822	mm	± 2	± 1
	Length	EN 822	mm	± 2	± 2
	Rectangularity	EN 824	mm/m	≤ 5	≤ 2
	Evenness	EN 825	mm	≤ 2	≤ 2
Edge profile			butt edge	butt edge	

<sup>1)</sup> for 80 mm  $\lambda_D = 0,035$  W/(m·K)

<sup>2)</sup> 0,2 N/mm<sup>2</sup> for Plano in 20 mm and Plano Premium ≤ 20 mm

<sup>3)</sup> if bolting onto a stud frame, board must be at least 20 mm thick

### Please note

The information in this leaflet is based on our experience and current materials specification. It represents no specific guarantee and the instructions for use outlined should be always observed together with considerations regarding building structure and existing Building Law.