

TECHNICAL INFORMATION TABLE



TERRAWOOL INDUSTRY BOARD											
Material properties	SYMBOL	UNIT	DESCRIPITON							TOLARANCE	STANDART
MATERIAL	—	—	MINERAL WOOL							—	TS EN 13162
TYPE OF MATERIAL	—	—	INDUSTRY BOARD							—	—
DENSITY	ρ	KG/m ³	70							+/-%3	—
WIDTH	b	mm	600							+/-%1,5	TS EN 822
LENGTH	l	mm	1200							+/-%2	TS EN 822
THICKNESS	d	mm	30	40	50	60	80	100	120	T3*	TS EN 823
COVERING	—	—	UNCOATED							—	—
FIRE CLASS REACTION	—	—	A1							—	TS EN 13501-1
SQUARE DEVIATION	Sb	mm/m	max 5							—	TS EN 824
SURFACE SMOOTHNESS	Smax	mm	max 6							—	TS EN 825
DIMENSIONAL STABILITY	$\Delta\epsilon_d$	%	max 1							—	TS EN 1604
THERMAL CONDUCTIVITY VALUED DECLARED 10 °C	λ_D	W/mK	0,035							—	TS EN 12667/12939
THERMAL CONDUCTIVITY RESISTANCE	RD	m ² K/w	0,86	1,14	1,43	1,71	2,29	2,86	3,43	—	TS EN 12667/12939
MOISTURE DIFFUSION RESISTANCE**	μ	—	1							—	TS EN 12086:2002
VERTICAL FACES TRACTION	$\bar{\sigma}_{mt}$	kPa	not required							—	TS EN 1607
COMPRESSIVE STRENGTH	$\bar{\sigma}_{10}$	kPa	not required							—	TS EN 826
DIP PORTION, LONG-TERM WATER ABSORPTION	Wlp	kg/m ²	≤ 3							—	TS EN 12087
DIP PORTION, SHORT-TERM WATER ABSORPTION	Wp	kg/m ²	≤ 1							—	TS EN 1609
MATERIAL PACKING	—	—	PE FILM							—	—