

TECHNICAL INFORMATION TABLE



TERRAWOOL OUTSIDE SURFACE BOARD												
Material properties	SYMBOL	UNIT	DESCRIPITON								TOLARANCE	STANDART
MATERIAL	—	—	MINERAL WOOL								—	TS EN 13162
TYPE OF MATERIAL	—	—	FLOATING OUTSIDE SURFACE BOARD								—	—
DENSITY	$\rho$	KG/m <sup>3</sup>	110								+/-%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	70	80	100	120	T3*	TS EN 823
COVERING	—	—	UNCOATED (BLACK GLASS, YELLOW GLASS, ALUMINIUM FOIL)								—	—
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	$\lambda_D$	W/mK	0,0364								—	TS EN 12667/12939
THERMAL CONDUCTIVITY RESISTANCE	RD	m <sup>2</sup> K/w	0,81	1,08	1,35	1,62	1,89	2,16	2,70	3,24	—	TS EN 12667/12939
MOISTURE DIFFUSION RESISTANCE**	$\mu$	—	1								—	TS EN 12086:2002
VERTICAL FACES TRACTION	$\bar{\sigma}_{mt}$	kPa	—								—	TS EN 1607
COMPRESSIVE STRENGTH	$\bar{\sigma}_{10}$	kPa	min 25		min 30			min 35			—	TS EN 826
DIP PORTION, LONG-TERM WATER ABSORPTION	Wlp	Kg/m <sup>2</sup>	≤ 3								—	TS EN 12087
DIP PORTION, SHORT-TERM WATER ABSORPTION	Wp	Kg/m <sup>2</sup>	≤ 1								—	TS EN 1609
MATERIAL PACKING	—	—	PE FILM								—	—