

TECHNICAL INFORMATION TABLE



TERRAWOOL ROOF BLANKET														
Material properties	SYMBOL	UNIT	DESCRIPITON										TOLARANCE	STANDART
MATERIAL	—	—	MINERAL WOOL										—	TS EN 13162
TYPE OF MATERIAL	—	—	Roof Blanket										—	—
DENSITY	ρ	KG/m ³	50										+/-%3	—
WIDTH	b	mm	1200										+/-%1,5	TS EN 822
LENGTH	l	mm	3000-5000										+/-%2	TS EN 822
THICKNESS	d	mm	80	100	120	130	140	150	160	180	200	T3*	TS EN 823	
COVERING	—	—	Uncovered,One face covered with aluminum 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	λ_D	W/mK	0,035										—	TS EN 12667/12939
THERMAL CONDUCTIVITY RESISTANCE	RD	m ² K/w	2,29	2,86	3,43	3,71	4,00	4,29	4,57	5,14	5,41	—	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										—	—