

TW140

TERRAWOOL INSULATION SLAB

Material Properties	Symbol	Unit	Description							Tolerance	Standart
Material	-	-	Mineral Wool							-	EN 13162
Type Of Material	-	-	Insulation Slab							-	-
Density	ρ	Kg/m ³	140							+/-%3	-
Width	b	mm	600							+/-%1,5	EN 822
Length	l	mm	1200							+/-%2	EN 822
Thickness	d	mm	30	40	50	60	80	100	120	T3	EN 823
Covering	-	-	Uncoated							-	-
Fire Class Reaction	-	-	A1							-	EN 13501-1
Square Deviation	Sb	mm/m	max 5							-	EN 824
Surface Smoothness	Smax	mm	max 6							-	EN 825
Dimensional Stability	$\Delta\epsilon_d$	%	max 1							-	EN 1604
Thermal Conductivity Valued Declared 10°C	λ_D	W/mK	0,0364							-	EN 12667/ 12939
Thermal Resistance	RD	m ² K/W	0,82	1,10	1,37	1,65	2,20	2,75	3,30	-	EN 12667/ 12939
Moisture Diffusion Resistance	μ	-	1							-	EN 12086: 2002
Vertical Faces Traction	δ_{mt}	kPa	10							-	EN 1607
Compressive Strength	δ_{10}	kPa	min 30	min 40	min 50					-	EN 826
Dip Portion, Long-term Water Absorption	Wlp	Kg/m ²	≤ 3							-	EN 12087
Dip Portion, Short-term Water Absorption	Wp	Kg/m ²	≤ 1							-	EN 1609
Material Packing	-	-	PE FILM							-	-