

Dimclad



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	60						+/-%3	-
Width	b	mm	600						+/-%1,5	EN 822
Length	l	mm	1200						+/-%2	EN 822
Thickness	d	mm	50	60	80	100	120	140	T3	EN 823
Covering	-	-	Coated						-	-
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	0,039						-	EN 12667/ 12939
Thermal Resistance	RD	m ² K/W	1,43	1,71	2,29	2,85	3,43	4,00	-	EN 12667/ 12939
Moisture Diffusion Resistance	μ	-	1						-	EN 12086: 2002
Vertical Faces Traction	δ_{mt}	kPa	not required						-	EN 1607
Compressive Strength	δ_{10}	kPa	not required						-	EN 826
Dip Portion, Long-term Water Absorption	W _{lp}	Kg/m ²	≤ 3						-	EN 12087
Dip Portion, Short-term Water Absorption	W _p	Kg/m ²	≤ 1						-	EN 1609
Material Packing	-	-	PE FILM						-	-