

TW50 Sound Slab



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	50										+/-%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	140	160	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	ΔE_d	%	max 1										-	EN 1604
Thermal Conductivity Valued Declared 10°C	λ_D	W/mK	0,035										-	EN 12667/12939
Thermal Resistance	RD	m ² K/W	0,86	1,14	1,43	1,71	2,29	2,86	3,43	4	4,57	-	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	Wlp	Kg/m ²	≤ 3										-	EN 12087
Dip Portion, Short-term Water Absorption	Wp	Kg/m ²	≤ 1										-	EN 1609
Material Packing	-	-	PE FILM										-	-