

**SOFFIT SLAB – PLAIN**

**TERRAWOOL INSULATION SLAB**

Material Properties	Symbol	Unit	Description			Tolerance	Standart
Material	-	-	Mineral Wool			-	EN 13162
Type Of Material	-	-	Insulation Slab			-	-
Density	$\rho$	Kg/m <sup>3</sup>	100			+/-%3	-
Width	b	mm	600			+/-%1,5	EN 822
Length	l	mm	1200			+/-%2	EN 822
Thickness	d	mm	50	130	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	$\Delta E_d$	%	max 1			-	EN 1604
Thermal Conductivity Valued Declared 10°C	$\lambda_D$	W/mK	0,0364			-	EN 12667/12939
Thermal Resistance	RD	m <sup>2</sup> K/W	1,37	3,57	4,39	-	EN 12667/12939
Moisture Diffusion Resistance	$\mu$	-	1			-	EN 12086:2002
Vertical Faces Traction	$\delta_{mt}$	kPa	not required			-	EN 1607
Compressive Strength	$\delta_{10}$	kPa	min 25	min 30		-	EN 826
Dip Portion, Long-term Water Absorption	Wlp	Kg/m <sup>2</sup>	≤ 3			-	EN 12087
Dip Portion, Short-term Water Absorption	Wp	Kg/m <sup>2</sup>	≤ 1			-	EN 1609
Material Packing	-	-	PE FILM			-	-