

**FLEXI FRAME**

**TERRAWOOL SOUND 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>	40											+/-%3	-
Width	b	mm	600											+/-%1,5	EN 822
Length	l	mm	1200											+/-%2	EN 822
Thickness	d	mm	40	50	60	70	90	100	120	140	150	180	200	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	0,035											-	EN 12667/12939
Thermal Resistance	RD	m <sup>2</sup> K/W	1,14	1,43	1,71	2,00	2,57	2,86	3,43	4,00	4,28	5,14	5,71	-	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	not required											-	EN 826
Dip Portion, Long-term Water Absorption	Wlp	Kg/m <sup>2</sup>	$\leq 3$											-	EN 12087
Dip Portion, Short-term Water Absorption	Wp	Kg/m <sup>2</sup>	$\leq 1$											-	EN 1609
Material Packing	-	-	PE FILM											-	-