



# THERMAWOOL

Product Performance	Technical Characteristics	Test Method	Units	Value or Statement																
	Tension Force Perpendicular to Surface/	EN 1607	kPa	10																
	Thickness / d	EN ISO 29466	mm	30 - 200																
	Tolerances - T5	-1% or -1 mm; +3mm. - absolute large value in tolerance.																		
	Length / l	EN ISO 29465	mm	1200																
	Tolerances ±2 %																			
	Width/ b	EN ISO 29465	mm	600																
	Tolerances ±1,5 %																			
	Squareness/ S <sub>b</sub>	EN 824	mm/m	max.5																
	Flatness/ S <sub>max</sub>	EN ISO 29468	mm	max.6																
	Density / D	EN ISO 29470	kg/m³	120																
	Tolerans (Tolerances) ±10 %																			
	Thermal Conductivity	EN 12667 EN 12939	W/m.K	0.036								0.038								
	Thermal Resistance / R <sub>d</sub>	EN 12667 EN 12939	mm (m².K)/W	30	40	50	60	70	80	100	120	140	150	160	180	200				
				0.80	1.10	1.35	1.65	1.85	2.15	2.60	3.15	3.65	3.90	4.20	4.70	5.20				
	Point Load	EN 12430	N	NPD	300.00								500							
	Determination of compression behaviour	EN ISO 29469	kPa	NPD	35								50							
	Density / D	EN ISO 29470	kg/m³	140																
	Tolerans (Tolerances) ±10 %																			
	Thermal Conductivity	EN 12667 EN 12939	W/m.K	0.036		0.037		0.038		0.037										
	Thermal Resistance / R <sub>d</sub>	EN 12667 EN 12939	mm (m².K)/W	30	40	50	60	70	80	100	120	140	150	160						
				0.80	1.10	1.35	1.60	1.80	2.10	2.55	3.05	3.55	3.80	4.10						
	Point Load	EN 12430	N	NPD	400		500		600											
	Determination of compression behaviour	EN ISO 29469	kPa	NPD	40		50		60											
	Fire Reaction Class	EN 13501-1	Euroclass	A1																
	Short Term Water Absorption/ WS	EN ISO 29767	kg/m²	≤1																
	Long Term Water Absorption/ WL(P)	EN ISO 16535	kg/m²	≤3																
	Determination of dimensional stability under specified temperature	EN 1604	-	DS(70,-)																
	Water Vapour Permeability / MU	EN 12086	µ	1																
	Air Flow Resistance/ Afr	EN 29053	-	NPD																

Storage	The products should be stocked closed. If the storage area is open, the entire surface of the packages must be covered with cover or tarpaulin.
	Product packages should be protected from water, moisture and sunlight in the storage area.
	Appropriate work safety clothing and equipment must be used to protect the skin, eye and upper respiratory system during transport.
	Product packages should be placed on at least one pallet which should not be in direct contact with the ground at storage area.
	Products must be covered with a tarpaulin when shipped.
	Do not leave any material on the products in such a way as to damage the package and the product.
	Palletized products should not be stacked and stored on top of each other.
	The opened packages must not be disposed of and must be disposed of in accordance with the regulations.