



<b>Product Name</b>	<b>SOFFITCLAD</b>											
<b>Standard</b>	Thermal insulation products for buildings - Factory made of mineral wool (MW) products - Specification											
<b>Description</b>	Mineral wool - Thermal insulation material formed by melting basalt stone at 1350°C-1400°C into fiber - for thermal, sound and fire insulation product											
<b>Surface Facing</b>	Not faced											
<b>Area of Usage</b>	For soffits and exposed ceilings in open or semi-open areas requiring thermal insulation, acoustic absorption, and fire resistance.											
<b>Product Performance</b>	<b>Technical Characteristics</b>	<b>Test Method</b>	<b>Units</b>	<b>Value or Statement</b>								
	Thickness / d	EN ISO 29466	mm	50-220								
	Nominal Density		kg.m <sup>-3</sup>	100								
	Tolerances - T4	-3% or -3 mm; +5% or +5mm. - absolute large value in tolerance, + absolute small 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>0</sub>	EN 824	mm/m	max.5								
	Flatness/ S <sub>max</sub>	EN ISO 29468	mm	max.6								
	Thermal Conductivity / λd	BS EN 13162: 2012	W/m.K	0.0364								
	Thermal Resistance / R <sub>d</sub>	EN 12667 EN 12939	mm	50	130	160	180	200	220			
			(m <sup>2</sup> .K)/W	1.37	3.57	4.40	4.95	5.49	6.04			
	Fire Reaction Class	EN 13501-1: 2018	Euroclass	A1								
	Short Term Water Absorption/ WS	<b>BS EN 1609</b>	kg/m <sup>2</sup>	≤1								
	Long Term Water Absorption/ WL(P)	<b>BS EN 1609</b>	kg/m <sup>2</sup>	≤3								
	Water Vapour Resistivity	EN ISO 10456 : 2007	MN.s.g-1m-1	5								
Dimensional stability	EN 1604: 2013		≤ 1%									
Acoustic performance		dB	Upto (50-62)									
<b>Storage</b>	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 the 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.											