



TECHNICAL DATA SHEET



Product Name	ROOFCLAD
Standard	Thermal insulation products for buildings - Factory made of mineral wool (MW) products - Specification
Description	Mineral wool - Thermal insulation material formed by melting of basalt stone at 1350°C-1400°C into fiber - for thermal, sound and fire insulation product
Surface Facing	Not faced
Area of Usage	Used within flat roof and parapet constructions as a non-combustible insulation layer, providing high levels of fire safety, thermal performance, and dimensional stability

Product Performance	Technical Characteristics	Test Method	Units	Value or Statement
	Thickness / d	EN ISO 29466	mm	60-185
Nominal Density		kg·m ⁻³	150	
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 ₀	EN 824	mm/m	max.5	
Flatness/ S _{max}	EN ISO 29468	mm	max.6	
Thermal Conductivity / λd	BS EN 13162: 2012	W/m.K	0.039	
Thermal Resistance / R _d	EN 12667 EN 12939	mm	60 85 105 115 150 185	
		(m ² .K)/W	1.54 2.18 2.69 2.95 3.84 4.74	
Fire Reaction Class	EN 13501-1: 2018	Euroclass	A1	
Short Term Water Absorption/ WS	BS EN 1609	kg/m ²	≤1	
Long Term Water Absorption/ WL(P)	BS EN 1609	kg/m ²	≤3	
Water Vapour Resistivity	EN ISO 10456: 2007	MN's·g-1·m-1	5	
Dimensional stability	EN 1604: 2013		≤ 1%	
Acoustic performance		dB	Upto (45-55)	

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.