



TECHNICAL DATA SHEET



Product Name	RAINCLAD												
Standard	Thermal insulation products for buildings - Factory made of mineral wool (MW) products - Specification												
Description	Mineral wool - Thermal insulation material formed by melting basalt stone at 1350°C-1400°C into fiber - for thermal, sound and fire insulation product												
Surface Facing	Uncoated / PE film packing												
Area of Usage	Ideal for building façades with ventilated rainscreens, offering thermal performance, sound reduction, and fire protection												
Product Performance	Technical Characteristics	Test Method	Units	Value or Statement									
	Thickness / d	EN ISO 29466	mm	50-225									
	Nominal Density		kg·m ⁻³	60									
	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 Deviation / Sb	EN 824	mm/m	max.5									
	Surface Smoothness / Smax	EN ISO 29468	mm	max.6									
	Thermal Conductivity / λd	BS EN 13162: 2012	W/m.K	0.034 - 0.035									
	Thermal Resistance / R _d EN 12667 EN 12939		mm	50	60	75	80	90	100	110	120	125	130
			(m ² .K)/W	1.47	1.75	2.19	2.34	2.63	2.91	3.20	3.49	3.64	3.78
			mm	140	150	160	170	180	190	200	220	225	
			(m ² .K)/W	4.06	4.35	4.63	4.91	5.19	5.47	5.75	6.31	6.44	
	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 55-62										
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.												