



TECHNICAL DATA SHEET



EN 13162+A1

Product Name	WALLCLAD														
Standard	Thermal insulation products for buildings - Factory made 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	Premium F series used for heat and sound insulation, and as fire coating exterior surfaces safely.														
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 _v	EN 824	mm/m	max.5											
	Flatness/ S _{max}	EN ISO 29468	mm	max.6											
	Thermal Conductivity	EN 12667	W/m.K	0.036					0.037						
		EN 12939		mm	40	50	60	70	80	100	120	140	150	160	180
	Thermal Resistance / R _d	EN 12667	(m ² .K)/W	1.10	1.35	1.65	1.90	2.20	2.70	3.20	3.75	4.05	4.30	4.85	5.40
		EN 12939													
	Point Load	EN 12430	N	NPD					300						
	Determination of compression behaviour	EN ISO 29469	kPa	20	25					30					
	Fire Reaction Class	EN 13501-1	Euroclass	A1											
	Short Term Water Absorption/ WS	EN ISO 29767	kg/m ²	≤1											
	Long Term Water Absorption/ WL(P)	EN ISO 16535	kg/m ²	≤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.														