



TECHNICAL DATA SHEET



Product Name	FLOORCLAD
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	Not faced
Area of Usage	Designed for use within floor constructions and separation floors where thermal insulation, acoustic performance and fire safety are required.

Product Performance	Technical Characteristics	Test Method	Units	Value or Statement			
	Length / l	EN ISO 29465	mm	1200			
Tolerances ±2 %							
Width/ b	EN ISO 29465	mm	600				
Tolerances ±1,5 %							
Tolerances - T4	-3% or -3 mm; +5% or +5mm. - absolute large value in tolerance, + absolute small value in tolerance.						
Squareness/ S ₀	EN 824	mm/m	max.5				
Flatness/ S _{max}	EN ISO 29468	mm	max.6				
FLOORCLAD T							
Thickness / d	EN ISO 29466	mm	50-100				
Nominal Density		kg·m ⁻³	150				
Thermal Conductivity / λd	BS EN 13162: 2012	W/m.K	0.039				
Thermal Resistance / R _d	EN 12667 EN 12939	mm	50	80	100		
		(m ² .K)/W	1.28	2.05	2.56		
FLOORCLAD A							
Thickness / d	EN ISO 29466	mm	25-50				
Nominal Density		kg·m ⁻³	200				
Thermal Conductivity / λd	BS EN 13162: 2012	W/m.K	0.040				
Thermal Resistance / R _d	EN 12667 EN 12939	mm	25	30	50		
		(m ² .K)/W	0.625	0.75	1.25		
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	MNs·g-1·m-1	5				
Dimensional stability	EN 1604: 2013		≤ 1%				
Acoustic performance		dB	Upto 55-65				

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 in 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.