



POLTERM MAX PLUS





Non-combustible thermal and acoustic insulation for ventilated rainscreen cladding and overcladding system applications


Polterm Max Plus is a 1200 x 600mm stone wool slab covered with a black glass veil on one side. Certified by the British Board of Agrément* (BBA), it will provide thermal and acoustic performance within ventilated rainscreen cladding and overcladding systems.


Polterm Max Plus contains a water repellent additive to protect against moisture ingress. The black glass veil contributes to the aesthetics of the installation, as it prevents any 'show through' of the insulation from behind the façade system.

Features and Benefits

Thermal

Thermal performance
 Thermal conductivity of 0.035 W/m.K. Helps to reduce heat loss within the building envelope and decrease energy costs.

Non-combustible

Non-combustible
 Achieves a Euroclass A1 Reaction to Fire classification, according to BS EN 13501-1.

Acoustic

Excellent acoustic performance
 The slabs will help improve the acoustic performance of the external envelope, reducing unwanted external noise such as weather, aircraft, vehicles and trains.

Easy to install

Ease of install
 Straightforward to install using standard insulation retaining fixings. The slabs will knit together when tightly butt jointed, eliminating gaps which could compromise performance.

Product Specification

Product code	Thickness (mm)	Width (mm)	Length (mm)	Slabs per pack	Pack area (m ²)	Packs per pallet	λ _D Declared thermal conductivity (W/m.K)	R _D Declared thermal resistance (m ² .K/W)
5200857710	60	600	1200	8	5.76	20	0.035	1.70
5200859245	75	600	1200	6	4.32	20	0.035	2.10
5200845634	100	600	1200	4	2.88	20	0.035	2.85
5200845635	120	600	1200	3	2.16	24	0.035	3.40
5200859246	125	600	1200	3	2.16	24	0.035	3.55
5200845636	150	600	1200	3	2.16	20	0.035	4.25
Additional thicknesses available on request*								
5200853441	50	600	1200	8	5.76	20	0.035	1.40
5200857711	80	600	1200	6	4.32	20	0.035	2.25
5200860194	90	600	1200	5	3.6	20	0.035	2.55
5200867422	110	600	1200	4	2.88	20	0.035	3.10
5200867423	140	600	1200	3	2.16	20	0.035	4.00
5200857712	160	600	1200	3	2.16	20	0.035	4.55
5200857713	180	600	1200	2	1.44	24	0.035	5.10
5200845637	200	600	1200	2	1.44	24	0.035	5.70

*Made to order and require minimum order quantities



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CHARACTERISTICS

Characteristic	Description
Thermal	Polterm Max Plus has a declared thermal conductivity of 0.035 W/m.K under BS EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.
Fire	Euroclass A1 Reaction to Fire classification according to BS EN 13501-1.
Environmental	All Isover products are manufactured under Environmental Management System – ISO 14001. The manufacturing process does not use or contain CFC's, HCFC's or other damaging gases.
BRE statements	Polterm Max Plus corresponds to the BRE Global Green Guide online generic specification ref 815320009. This product achieves a summary rating of A+ within the Domestic, Health, Industrial, Commercial, Retail and Education categories.
Quality	All Isover products are manufactured under Quality Management Standard – ISO 9001.
Building regulations	When installed correctly as part of an external wall construction, Polterm Max Plus can help to meet the requirements of UK thermal building regulations.
Vapour resistivity	Polterm Max Plus has a vapour resistivity of 5.0 MNs/gm. The slabs will allow water vapour to pass through the insulation, allowing the structure to dry out and reducing the risk of condensation.
Durability	Thermal conductivity of mineral wool products does not change with time. Experience has shown the fibre structure to be stable and the fibre matrix contains no other gases than atmospheric air (see standard BS EN 13162). Will not sustain vermin, nor breed or promote fungi or bacteria.
Handling and storage	Information regarding storage, installation and handling of ISOVER products, or health & safety information, can be found here.
Health and safety	
Certification	<ul style="list-style-type: none"> • CE marked (001-WM-DoP-14-w1) to BS EN 13162. • Designation code: MW-EN 13162-T5-DS(70,90)-WS-MU1. • BBA approved (19/5672) for rainscreen cladding systems and timber or steel frame constructions.

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