



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 performance

Thermal conductivity of 0.035 W/mK. Provides excellent thermal performance, reducing heat loss within the building envelope.



Non-combustible

Polterm Max Plus stone wool insulation has an A1 Euroclass fire rating – the best attainable.



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.



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	Thermal Conductivity, (Lambda) (W/mK)	Thermal Resistance R Value (m ² K/W)
5200853441	50	600	1200	8	5.76	20	0.035	1.40
5200859245	75	600	1200	6	4.32	20	0.035	2.10
5200845634	100	600	1200	4	2.88	20	0.035	2.85
5200859246	125	600	1200	3	2.16	24	0.035	3.55
5200845636	150	600	1200	3	2.16	20	0.035	4.25
5200845637	200	600	1200	2	1.44	24	0.035	5.70

Additional thicknesses are available on request, subject to extended lead times and minimum order quantities.



*To view and download the BBA certificates, visit isover.co.uk/BBAPMP

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CHARACTERISTICS

Characteristic	Description
Thermal	Polterm Max Plus has a declared thermal conductivity of 0.035 W/mK under EN 13162.
Fire	Achieves the best attainable Euroclass A1 reaction to fire classification, according to 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 EN 13162:2012 Annex ZA, Table ZA.1). Will not sustain vermin, nor breed or promote fungi or bacteria.
Handling and storage	Isover products are supplied fully palletised, offering the following benefits: <ul style="list-style-type: none"> • Weatherproof packaging for outside storage • Reduced haulage costs • Less handling therefore less damage • Reduced storage space • Faster loading, unloading and counting
Health and safety	A Safe Use Instruction Sheet can be obtained from the Isover website.
Certification	<ul style="list-style-type: none"> • CE marked (001-WM-DoP-14-w1) to EN 13162. • BBA certified solution.

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