



ISOVER POLTERM MAX PLUS

Non-combustible stone wool insulation.

Isover Polterm Max Plus is a 1200 × 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. Isover 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 assists with preventing any 'show through' of the insulation from behind the façade system.

Where to use



CONTRIBUTES
TO THERMAL
PERFORMANCE



ACOUSTIC
INSULATION



A1 REACTION
TO FIRE
CLASSIFICATION



EASY
TO INSTALL

Contributes to the above system performances as set out below.



Features and Benefits*

- ✓ **Thermal:** Thermal conductivity of 0.035 W/m.K. Helps to reduce heat loss within the building envelope and decrease energy costs.
- ✓ **Acoustic:** Contribute to the system acoustic performance.
- ✓ **Fire:** A1 Reaction to Fire classification in accordance with EN 13501-1.
- ✓ **Easy to Install:** Standard insulation retaining fixings used for installation. Mineral wool slabs are effective at knitting together when tightly butt jointed, eliminating gaps which could compromise performance.

Product Specification

| Product code | Thickness* (mm) | Width × Length (mm) | Slabs per pack | Pack Area (m ²) | Packs per pallet | Thermal Conductivity Lambda | Thermal Resistance** R Value |
|--------------|-----------------|---------------------|----------------|-----------------------------|------------------|-----------------------------|------------------------------|
| 5200889028 | 50 | 600 × 1200 | 8 | 5.76 | 20 | 0.035 W/mK | 1.40 m ² K/W |
| 5200880767 | 100 | | 4 | 2.88 | | | 2.85 m ² K/W |
| 5200880768 | 150 | | 3 | 2.16 | | | 4.25 m ² K/W |
| 5200880770 | 200 | | 2 | 1.44 | 24 | | 5.70 m ² K/W |

* When installed in accordance with our recommendations.

Additional thicknesses contact us for details

| | | | | | | |
|------|------|------|-------|-------|-------|-------|
| 60mm | 75mm | 80mm | 120mm | 125mm | 160mm | 180mm |
|------|------|------|-------|-------|-------|-------|

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

**Please contact our technical support department for preliminary performance values pertaining to your project which are then subject to thermal bridging assessment by others for the respective cladding system.

Standards and Certification

| | |
|---|---|
| Quality | Quality Management Standard EN ISO 9001: 2015 for manufacturing. |
| CE | Manufactured in accordance with the CE marking requirements under the Construction Products Regulation. |
| Product Standards | Manufactured in accordance with product standard: EN 13162:2012+A1:2015 and EN 13172 Evaluation of Conformity. |
| Environment | ISO 14001:2015 (Environmental Management System) accredited manufacturing facility. This accreditation ensures that all products are manufactured to the stringent standards set out by this management system. The manufacturing process does not use or contain CFCs, HCFCs or other damaging gases. |
| Durability | EN 13162 indicates that mineral wool – will not sustain vermin, nor breed or promote fungi or bacteria, – thermal conductivity does not change with time. |
| Service Life | As noted above in durability, based on sample dimensional stability testing, glass mineral wool installations are typically fit for purpose for the lifetime of the installation unless damaged. |
| Repair | Typically glass mineral wool will not require repair, though agitation of the material will assist recovery from local compression, alternatively, material may be easily replaced or topped up locally as required. |
| Reusability | Glass mineral wool insulation may be reused in suitable applications where respected in its use and preparation for reuse. |
| Recyclability | Glass wool insulation is circular due to its mineral composition, low wastage from installation, long life of the product and potential for reuse, glass wool is also recyclable with facilities available in Europe. |
| Data Digitisation | We have a BIM library for Isover products. System level information also available. Contact our Isover Technical Team for more information. |
| Handling, Storage, Health and Safety | Isover products are supplied fully palletised, offering ease of transport compared to unpalletised products. Information regarding storage and handling of Isover products and health & safety information can be found at www.isover.ie |

Safety Data Sheet

A Safety Data Sheet (SDS) for this product is available on

<https://www.isover.ie/documents/safety-data-sheets/sds-isover-ireland-polterm.pdf>



CONTACT DETAILS FOR FURTHER INFORMATION

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Isover reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation. For a comprehensive and up to date library of information, visit isover.ie