

Super EPS 80

Product data sheet

Product description

Super EPS is our brand for expanded polystyrene (EPS) with added graphite. The boards are available in several different formats and thicknesses. They are lightweight and easy to work with without causing discomfort to the eyes, airways, and skin. Super EPS contains no harmful substances and does not emit dangerous gases during production. Super EPS is capillary breaking and prevents moisture migration from the foundation. Super EPS is applied when installing insulation on a surface that drains, such as a foundation on the ground. Super EPS is the super alternative to Jackopor® in constructions where you either want better insulation or want to keep the same insulation but with 20% less material consumption.

Field of application

Insulation for a wide variety of application, including foundation on ground, constructions with low load, and roofs.

Colour

Grey

Surface treatment

-

Technical data

| Specifications | Standard | Unit | JPS80 |
|---|--------------|---------|--------------------|
| Declared thermal conductivity, λ_D | EN 13163 | W/mK | 0,031 |
| Compressive strength | EN 826 | kPa | 80 |
| Permissible long-term load 2% deformation (nominal last). | EN 1606 | kPa | 24 |
| E-module, long term | - | kPa | 1200 |
| Bending strength | DS/EN 12089 | kPa | 125 |
| Water absorption (EPS), submerged | EN/ISO 16535 | Vol% | ≤ 3 |
| Capillarity | - | | Capillary breaking |
| Fire properties (class) | EN 135001-1 | | NPD (prev F class) |
| Max. temperature | - | °C | 70 |
| Length expansion coefficient | EN 822 | mm/m °C | 0,07 |

Assembly/safety precautions

No dangers under regular handling. Installation/assembly must comply with regulations or guidelines. Cut with filament, a heated knife, or a hand saw/jigsaw as an option.



Transport and storage

According to UN, IMO, ADR/RID or IATA/ICAO, the product is not classified as dangerous goods.

The product must be stored in a well-ventilated area away from ignition sources and organic solvents. If stored for an extended period, the product should be shielded from UV rays and high winds, as it can blow away. Be careful when handling it, as the boards may break.

Recycling/waste management

Waste type: Expanded plastic

Waste management: Material recycling at recycling centre or energy recovery.

SS 9431 code for waste management: 1732/ 0014/ 6000

EAL code: 170604

Other information: BEWI is a member of FTI

Environment

The product is not classified as a health, environmental, or fire hazard. EPD is available, the product is registered in Byggarubedömningen, Sunda Hus, BASTA and Svanens husportal (Nordic Ecolabelling).

Product documentation and public requirements

Product approvals issued by accredited control organs: Accredited control organs issue no product documentation for this product.

European standard: EPS insulation board is CE marked, standard no EN 13163

Other national/international control systems, certificates, industry standards, etc. Common technical system for declaring building insulation EN 13172.

BEWI Insulation Sverige

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