

# Super EPS 100

## 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

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### Technical data

Specifications	Standard	Unit	JPS100
Declared thermal conductivity, $\lambda_D$	EN 13163	W/mK	0,031
Compressive strength	EN 826	kPa	100
Permissible long-term load 2% deformation (nominal last).	EN 1606	kPa	30
E-module, long term	-	kPa	1500
Bending strength	DS/EN 12089	kPa	150
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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