

Super XPS 300

Product data sheet

Product description

Super XPS is produced in extruded polystyren (XPS). It has high compressive strength, low moisture absorption, long service life and is capillary breaking. Super XPS has up to 25 % better insulating capacity than Jackofoam®. The boards are lightweight and easy to work with without causing discomfort to the eyes, airways, and skin. Super XPS is used in constructions where you either want better insulation or want to keep the same insulation but with 25% less material consumption.

Field of application

Insulation for a wide variety of applications, including concrete elements, sandwich constructions and heavy constructions with high requirements for insulation.

Colour

Purple

Surface treatment

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Technical data

Specifications	Standard	Unit	JFS300
Declared thermal conductivity, λ_D	EN 13163	W/mK	0,027
Compressive strength	EN 826	kPa	300
Permissible long-term load 2% deformation (nominal last).	EN 1606	kPa	140
E-module, long term	-	kPa	7000
Water absorption, submerged	EN/ISO 16535	Vol%	≤ 0,7
Relative water vapor resistance	EN 10456	μ factor	150
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

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: Extruded plastic

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

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

EAL code: 170604: other insulation materials then mentioned in 170601 and 170603.

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: XPS 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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