



Jablite Partial-Fill Cavity Wall Insulation

Key Benefits

- Easy to install
- Lightweight and easy to handle
- Resistant to moisture
- Durable and rot-proof
- Maintains the cavity
- EPS has an A+ rating in the BRE Green Guide to Specification
- Permanent insulation for the lifetime of the building



Jablite Partial-Fill Cavity Wall Insulation is manufactured from expanded polystyrene (EPS) and is designed to be incorporated into new masonry walls during construction.

The insulation is lightweight and easy to handle and is retained against the required leaf by clips on the wall ties.

Jablite Partial-Fill Cavity Wall Insulation Properties

Dimensions

Standard size: 1200 x 450mm.

Thickness: 25, 40, 50, 60, 75, 100 and 150mm.

Type

Jablite Partial-Fill Cavity Wall insulation is supplied as EPS 70 (white) and EPS HP 70 (grey) as defined in BS EN 13163. Flame retardant additive material is available to order. Any necessary fire performance should be provided by the facing material and the system design.

Thermal Resistance

Thickness (mm)	R-Values EPS White (m2K/W)	R-Values EPS Grey (m2K/W)
25	0.658	0.781
40	1.053	1.250
50	1.316	1.563
75	1.974	2.344
90	2.368	2.813
100	2.632	3.125
150	3.947	4.688

Thermal Performance

A U-Value of 0.35W/m²K can typically be achieved with a 75mm thickness of Jablite Partial-Fill Cavity Wall Insulation based on a common cavity wall construction using a range of materials for both inner and outer leaf.

Permanent

Jablite Partial-Fill Cavity Wall Insulation is rot-proof and durable and will remain effective for the life of the building; the recommended fixing methods will retain the boards permanently in position.

Rapid, economical construction

The boards are available in sizes to suit block coursing and tie centres and are simply clipped into position as construction of the wall proceeds.

Easy to cut and fit

If required, boards can be easily cut to length using a sharp trowel or knife. No specialised trades or equipment are required.

