



## Jablite UpStand Board Plus

**Jablite UpStand Board Plus is designed to work with Jablite Inverted Roof Insulation.**

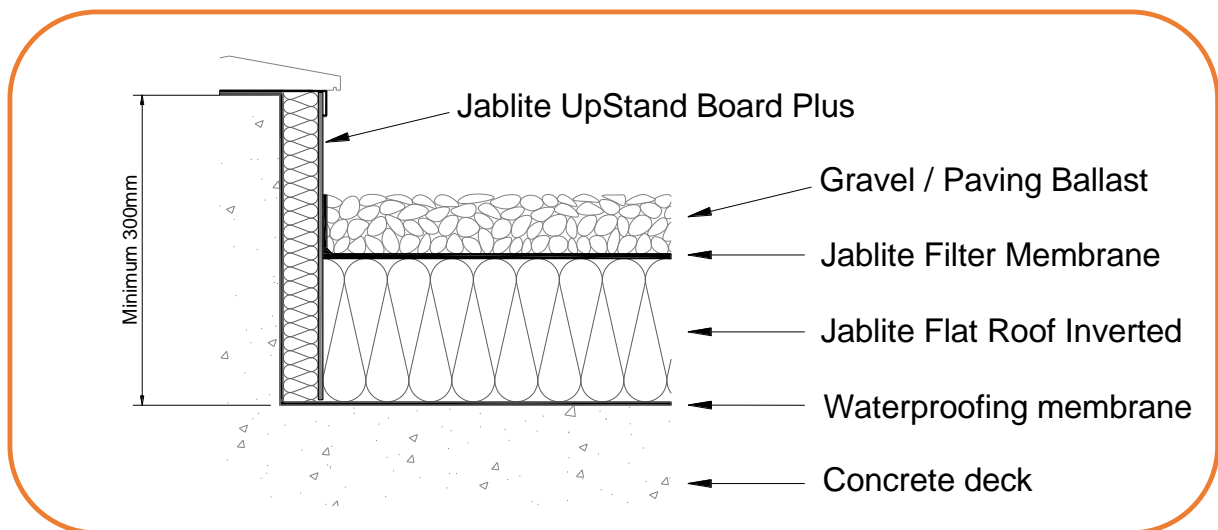
Jablite UpStand Board Plus is a laminated board of EPS (Expanded Polystyrene) HP Insulation with a 1.15mm thick slate grey weather and impact resistant GRP facing. Designed for vertical installation on parapet walls to reduce thermal bridging.

The Boards are available in a standard thickness sheet 1200 x 1200 X 60mm. (see table)

The boards can be adhered to the wall, unless the boards are used to a level greater than 150mm above the roof insulation; in this case the boards should be mechanically fixed.

### Physical Properties : Jablite UpStand Board HP

Board Size (mm)	1200 x 1200
Thicknesses (mm)	60
Declared Thermal Conductivity (W/mK)	0.032



Please note: Jablite UpStand Board Plus is not for use in external wall applications, cladding and or façade systems.



### Jablite UpStand Board Plus – 1.15mm Laminate

Jablite UpStand Board Plus is a 1200 x 1200 x 60mm board with a friction fit joint cover (one per board). Jablite HP insulation is supplied pre-finished with a 1.15mm slate grey weather and impact resistant facing board. Boards and cover strips may be cut to suit on site prior to installation if required.

Thickness	Approx weight per 1200 x 1200 mm board	Thermal Resistance M <sup>2</sup> K/W
60mm	4.3Kg	1.85

### Installation

Jablite UpStand Board Plus is supplied with a rebated edge on two opposite sides of the board. These rebated edges must be positioned vertically.

During installation the expanded polystyrene (EPS) vertical boards edges must be tightly butted together forming the correct gap width for the friction fit joint cover strip.

#### Low level installations

##### Adhesive Fixings- up to 150mm above the ballast

Non-solvent PU based adhesives compatible with Expanded Polystyrene (EPS) may be used for attachment between the substrate and the UpStand Board Plus in low level applications. Board fixing with PU adhesive should follow the manufacturer's recommendations for PU bead width, bead spacing and perimeter application.

For installations where greater wind pressures are envisaged due to building height and perimeter areas; mechanically fixing is recommended. The number, position, type and length of fixings should be determined to suit substructure and site conditions.

#### High Level Installations

##### Mechanical Fixing – Installations exceeding 150mm above the ballast \*

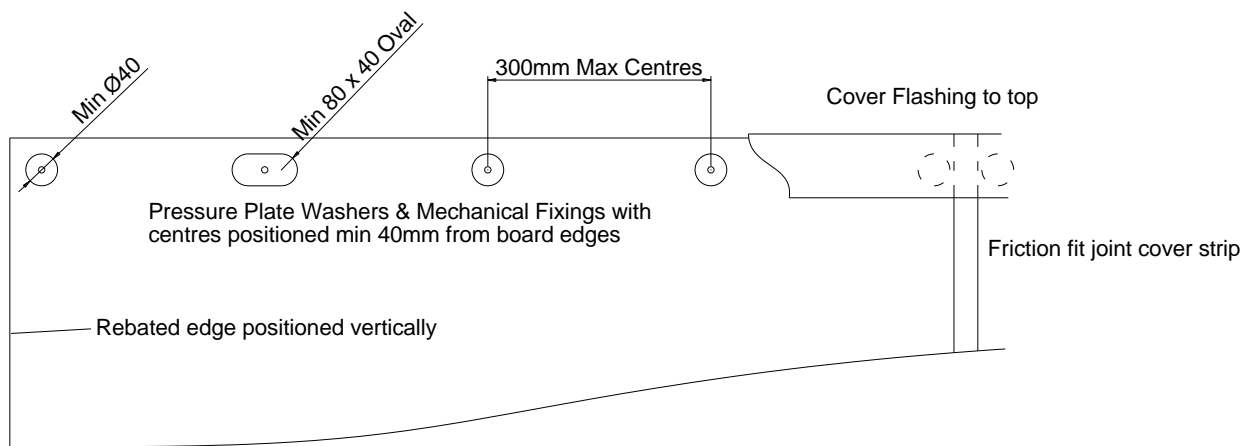
Mechanical fixings should be stainless steel or galvanised with pressure plate washers, (minimum 40mm diameter). Fixing type, material, grade, diameter, length, number and position etc. should be specified to suit substructure and site conditions.





Boards should be pre-drilled with over-sized holes, (at least 2mm oversize), to allow for expansion. Fixings should be positioned across the top edge of the board at maximum 300mm centres, minimum 40mm from the corners of the board and 40mm in from the top edge to avoid damage to the board finish.

Additional fixings within the centre board zone may also be required. Alternatively, a minimum of two full length strips of adhesive, (as above), can be used through the centre sections of the board, evenly spaced. The number of required fixings should be determined to suit the upstand substructure and site conditions. It is recommended that fixings are not over-tightened.



\*Boards should not be installed over 1.2m high, i.e. a single board in height.

Installation	Low level installation	High Level Installation
Base of board pinned in place by the horizontal inverted roof insulation	✓	✓
Board edges must be tightly butted with the rebates positioned vertically	✓	✓
Board is adhered to the vertical detail with suitable adhesive	✓	
Top edge of board mechanically fixed		✓
Board centre is either mechanically fixed or adhered to the vertical detail with suitable adhesive		✓
Joint cover strips are fitted	✓	✓
Top edge of board is fixed and protected by a cover flashing by others	✓	✓



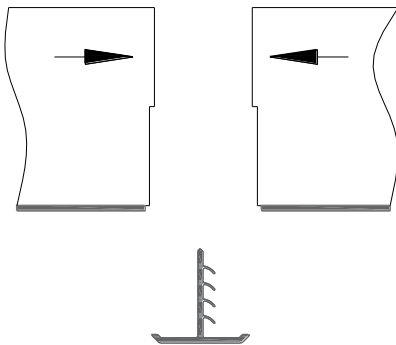


### Installation of Joint Cover Strips

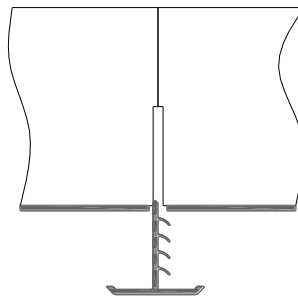
Once the boards are securely fitted and adhesive (if used) has cured, the joint cover strips can be installed.

Strips should be inserted by pushing into position, starting from one end. A nylon hammer may be used to gently tap the strips into position if required. Ensure the joint cover strips are inserted so they fit tightly against the board face.

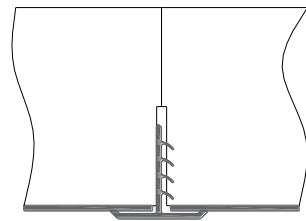
**Step 1**  
Position the rebated edges vertically



**Step 2 - Important**  
Tightly butt the board edges together throughout the full height. This will create the correct groove for the friction fit cover strip.



**Step 3**  
Once the boards are secure and any adhesive used has fully cured, insert the friction fit cover strip. Start at one end of the strip and simply push into position.



### Cutting & Drilling Jablite UpStand Board Plus – 1.15mm Laminate

Jablite UpStand Board Plus may be cut by hand or with an appropriate power tool.

When cutting by hand, use a hacksaw with a tooth pitch of 1.2mm held at a shallow oblique angle to the sheet.

Recommended power tool – disc cutter with a 44 to 60 grit diamond blade, operating at approximately 280 surface m/min.

Holes should be drilled with standard metal bits.

The facing can be notched using standard metal snips.





### **Industrial Health and Safety Information**

The use of high-speed cutting tools may generate dust. The concentration of dust should be kept as low as is reasonably practicable and certainly below the Occupational Exposure Limits, (10 mg/m<sup>3</sup> total inhalable dust and 4 mg/m<sup>3</sup> respirable dust – 8 hour TWA values). For work indoors or in confined spaces, adequate ventilation should be provided. For extensive operations and cutting using power/circular saws, dust extraction systems should be used.

PPE should include safety goggles to protect against dust / projectile material, gloves to protect against possible sharp edges on the laminate board and a suitable dust mask to protect against dust inhalation.

In some cases, the laminate dust can cause slight transient irritation. Should effects be prolonged, or any signs of a rash occur, obtain medical advice. All exposed skin must be thoroughly washed with soap and water. Any eye contamination must be washed out with copious amounts of pure water.

Expanded Polystyrene, (EPS), is fully recyclable, however the laminate facing is not. Off-cuts need to be disposed via an authorised disposal contractor to an approved waste disposal site, observing all relevant regulations. The laminate is not classified as hazardous, (for approved landfill sites).

Please ensure all installation specifications meet any associated Building and Fire Regulation requirements.

