**Type X**

**Existing Wall and Remedial Applications**

- Fitted from outside, with minimum of masonry removed
- Cavity upstand adjusts to suit the 'as found' cavity width
- Base bars ensure correct mortar bedding depth
- Traditional or timber frame construction
- Attached flashing ready-shaped for dressing

**USE**

Where a conservatory or extension with a pitched roof is added onto an existing cavity wall structure. Where an existing DPC has failed or has been omitted.

**SOLUTION**

Where a pitched roof conservatory or extension attaches to an existing cavity wall, flashing the intersection only will not prevent dampness permeating downwardly within that skin. Insertion of Type X Cavitytrays above the new roofline can arrest such dampness and be used to satisfy the Building Regulations.

Insertion entails cutting out masonry on a progressive basis, a distance above the roof of the new structure. Once a few bricks (or equivalent) have been removed, the hinged upstand of the Type X Cavity is turned down until it is horizontal. This permits the tray to be inserted into the opening and bedded on mortar.

As the tray enters the opening the hinged upstand is allowed to flex upwardly. So doing enables it to service the cavity width as encountered. This is repeated in subsequent courses until the top is reached where the last tray to be inserted is normally a ridge tray.

**Product Name - Group**

Type X for Slapping Abutments

**Cavity Sizes Accommodated**

- 50mm up to 140mm (std range)

**Pitch Accommodated**

- 15 degrees to 70 degrees (std range)

**Dimensions**

**Intermediate Sizes**

<table>
<thead>
<tr>
<th>Pitch</th>
<th>Tray</th>
<th>15 - 16 degrees</th>
<th>380mm</th>
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</thead>
<tbody>
<tr>
<td>15 - 16 degrees</td>
<td>380mm</td>
<td></td>
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</tr>
<tr>
<td>16.5 - 27 degrees</td>
<td>330mm</td>
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<tr>
<td>22.5 - 26 degrees</td>
<td>270mm</td>
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<tr>
<td>26.5 - 43 degrees</td>
<td>240mm</td>
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<tr>
<td>43.5 degrees</td>
<td>180mm</td>
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</tbody>
</table>

**Ridge Tray Sizes**

- 15 - 20 degrees: 900mm x 130mm x 192mm vert
- 21 - 25 degrees: 750mm x 130mm x 192mm vert
- 26 - 70 degrees: 570mm x 130mm x 192mm vert

**Flashing**

- Short 75mm min > 280mm Long: 75mm min > 330mm
- All dimensions vary pending actual pitch

**Angles**

- 220 x 220 external
- 120 x 120 internal

**Bespoke Options**

- Yes - all heights, depths & widths

**Traditional Construction Compatible**

- Yes

**Timber Frame Construction Compatible**

- Yes

**New Work Applications**

- Yes

**Retrofit / Remedial Applications**

- Yes

**Masonry Skin Styles**

- See Multicore for non-void sizes

**Undulating / Split Masonry Faces**

- See Designers' Comments for guide

**Curved Wall on Plain Aplications**

- See Curved Wall entries

**Concurrent with Other Wall Elements**

- No identified incompatibility

**Arrested Water Evacuation**

- Via Caviweep (selection) perp joints

**Thermal Transmission of Material**

- Negligible

**Material - Tray**

- Polyethylene DPC

**Material - Flashing**

- Code 4 lead BS EN 12588:2006

**Material - Flashing Alternatives**

- Synthetic flashing with colour option

**Colour**

- Black

**Extrudes / Compresses Under Load**

- No

**Pack Size**

- Available individually

**CPC**

- CPC Free

**ODP**

- Zero

Conservatories and the NHBC

NHBC Standards Extra qualifies

Where the conservatory abuts the existing external walls of the house, a stepped cavity tray should be provided above the roof abutment. The tray will need to be linked to a stepped flashing. Compliance can be achieved using the Type X Cavity tray.