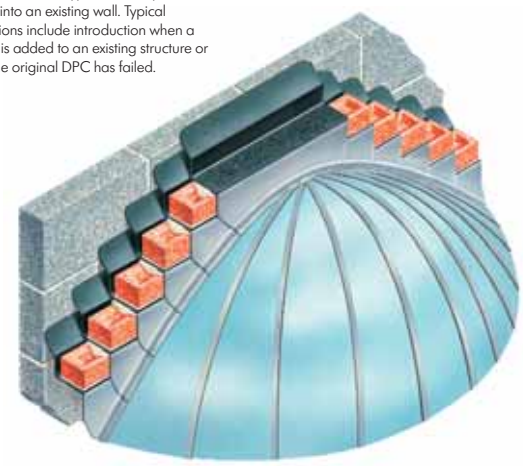
Type X

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

High performance Type X Cavitrays can be inserted into an existing wall. Typical applications include introduction when a building is added to an existing structure or where the original DPC has failed.



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 Cavitrays 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 Cavitray 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.

Conservatories and the NHBC

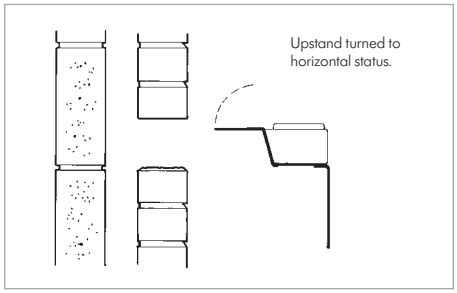
NHBC Standards Extra qualifies:
'Where the conservatory abuts the existing external walls of the house, a stepped cavity tray should be provided above the roof abutment. The tray will need to be linked to a stepped flashing'. Compliance can be achieved using the Type X Cavitray.

ONSITE INSIGHT see page 60

This section should be read in conjunction with the previous pages where the various tray styles and their functions are described. If it is intended to dress the tray flashings over a glazing bar or similar adjacent to the masonry, always ensure it is suitably dimensioned and positioned to act as a weather stop. (Note: some conservatory manufacturers offer an abutment profile that rises to provide this requirement.)

In remedial applications where an existing DPC has failed or been omitted, installation follows the identical procedure.

Trays are available to suit different masonry course heights and thicknesses. If in doubt, contact the help desk at Cavity Trays. We undertake appraisals on site and will be pleased to assist you.



PRODUCT NAME - GROUP
Type X for Sloping Abutments

CAVITY WIDTHS ACCOMMODATED
50mm up to 140mm (std range)

PITCHES ACCOMMODATED
15 degrees to 70 degrees (std range)

DIMENSIONS
INTERMEDIATE SIZES

15 degrees	380mm x 130mm x 192mm vert
17.5 degrees	330mm x 130mm x 192mm vert
21 - 25 degrees	270mm x 130mm x 192mm vert
26 - 40 degrees	230mm x 130mm x 192mm vert
40 - 70 degrees	180mm x 130mm x 192mm vert

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

FLASHINGS
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 Multicourse for non-std sizes

UNDULATING / SPLIT MASONRY FACES
See Designers' Comments for guide

CURVED WALL ON PLAN APPLICATIONS
Yes – see Curved Wall entries

CONGRUENT WITH OTHER WALL ELEMENTS
No identified incompatibility

ARRESTED WATER EVACUATION
Via Caviweeps (selection) in perp joints

THERMAL TRANSMISSION OF MATERIAL
Negligible

MATERIAL – TRAY
Petheleyne DPC

MATERIAL – FLASHING
Code 4 lead BS EN 12588,2006

MATERIAL – FLASHING ALTERNATIVES
Synthetic flashing with colour option
Copper, Aluminium (See separate page entry)

COLOUR
Black

EXTRUDES / COMPRESSES UNDER LOAD
No

PACK SIZE
Available individually

CFC
CFC Free

BS 50-140mm RANGE VARIABLE