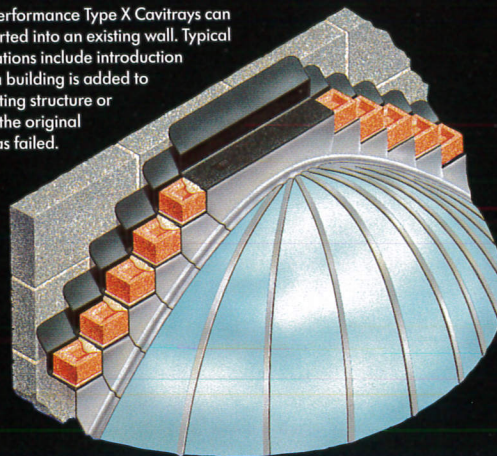


# Type X

## 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.



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.

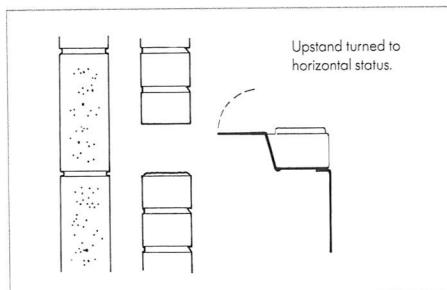
Trays are available to suit different masonry course heights and thicknesses. If in doubt, contact the help desk at Cavity Trays. We undertake appraisals on site and will be pleased to assist you.



### 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.



### 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

Pitch	Tray
15 - 16 degrees	380mm
16.5 - 22 degrees	330mm
22.5 - 26 degrees	270mm
26.5 - 43 degrees	240mm
43.5 degrees	180mm

#### 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

Pettheleyn 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

#### ODP

Zero

