

Specifications

Product name - group	Type X for Sloping Abutments	
Cavity widths accommodated	50mm up to 160mm (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: 225mm 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 applications	Yes	
Masonry skin styles	See Multicourse for non-std sizes	
Undulating 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	

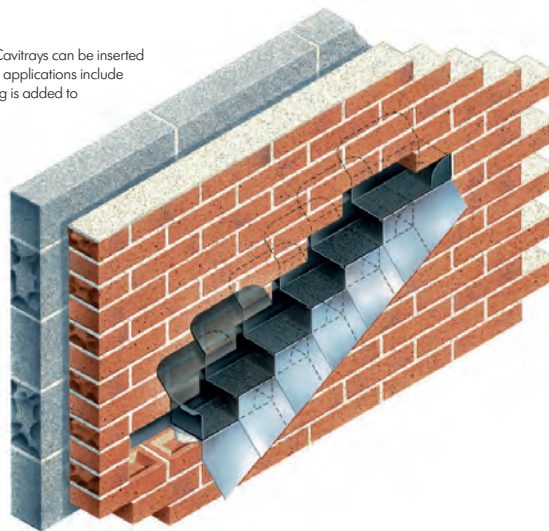
TYPE X

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 Cavitytrays 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 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 Cavitytray 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 upwards. 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.)



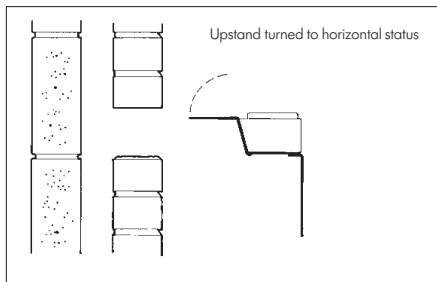
Conservatories and the NHBC

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 Cavitytray.



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.



LABC published checklist

'Enclosed porch or conservatory - the flashing must be linked to a cavity tray at all times'

'It is best to use purpose made stepped trays'

Flashing

The flashing supplied already attached to each Cavitytray is normally code 4 cold rolled milled lead. A synthetic flashing with a very similar grey colour to lead is available as an alternative. Called Perform, fuller details and specification can be found within the Auxiliary Products / Restricted Applications section. Always state clearly your choice, and whether the tray is required with a short flashing or a long flashing. (Short flashings dress over secret gutter/soaker upstands and long flashings dress directly over an appropriately shaped tile).

Bill of Quantity / Specification Wording

Approved Type X Existing Wall and Remedial Applications Cavity Trays

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Type X Cavitytrays with European Technical Approval eliminate the vulnerable points identified in NHBC Risk Guide - Superstructure (revised 08/17)