

Type X

Multicourse Trays

- Ready-shaped attached lead flashing
- Traditional or timber frame construction
- Clear cavity compartment area
- Sizes to suit: All course heights, All masonry thicknesses, All cavity widths, All pitches of abutment

TYPE X MULTICOURSE

Cavitrays to suit different masonry dimensions and styles

USE

Damp arrestment and weathering flashing provision where sloping roofs abut cavity masonry walls.

SOLUTION

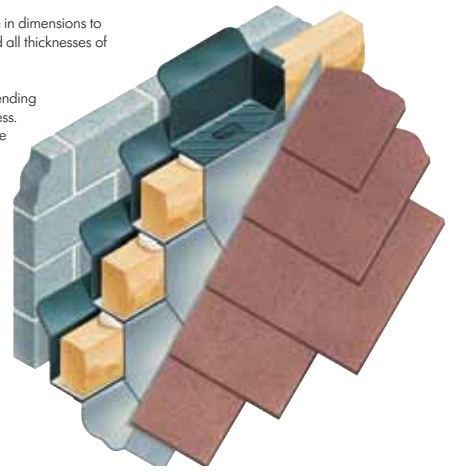
Where different masonry dimensions and/or skin thicknesses are encountered, trays are available from the Multicourse range to suit. Tray style and functionality is based on the Type X design.

Trays are proportioned to match the masonry course height. The end upstand of every tray (inboard end) rises and integrates with the base of the tray in the course above. A DPC staircase arrangement is created, with connecting treads and connecting risers. Regardless of whether all masonry courses are identical or there is a mixture of courses, all trays connect with each other. The DPC arrangement is unbroken.

If the masonry thickness (exterior skin depth) is greater than the usual standard (105mm nom) the tray is correspondingly enlarged. Should the exterior skin be in a medium such as natural stone built against a backing block, the tray base is proportioned to extend through the combined thickness.

Multicourse cavitrays are available in dimensions to suit all masonry course heights and all thicknesses of external skin.

The Multicourse tray style varies pending course height and masonry thickness. The illustration is an example of one such style.



Multicourse trays are supplied with attached long or short flashings in code 4 lead unless an alternative material is requested (see flashing choices). The visual flashing step always matches the masonry course. Where the masonry courses are large (such as with 225mm block work or similar) the specifier has the option of considering whether it is practical to run to smaller modules on the actual rake.

An obvious example being where a block work wall has a rendered finish and it is practical to incorporate 75mm courses. The visual finish should always be considered (see rendered wall finish option).

HOW TO ORDER

Provide details/ drawing and we will calculate and schedule. Alternatively follow calculation procedure described for Type X based on course height being used.

SPECIFICATION WORDING

Type X Multicourse by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

Incorporate in exterior skin to all sloping roof abutments as schedule.

Request liability/conformity document upon completion.

PRODUCT NAME - GROUP

Type X Multicourse

CAVITY WIDTHS ACCOMMODATED (RANGE)

All widths

DIMENSIONS

Tray heights 100mm 125mm 150mm 175mm 200mm 225mm

Tray depth 130mm - 300mm range

Tray length Varies to suit angle of abutment

TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

TIMBER FRAME CONSTRUCTION COMPATIBLE

Yes - time frame version offered

NEW WORK APPLICATIONS

Yes

RETROFIT APPLICATIONS

Yes

MASONRY SKIN STYLES

No identified limitation

UNDULATING MASONRY FACES

Ideally flashing dressing requires flat surface under

CURVED WALL ON PLAN APPLICATIONS

Yes

CAVITY INSULATION MAY BE USED IF PRESENT?

Insulation should not affect functionality

CONGRUENT WITH OTHER WALL ELEMENTS

No identified incompatibility

ARRESTED WATER EVACUATION

Via accompanying Caviweeps

MATERIAL

Trays / weeps / stopends / ties Polypropylene DPC

Flashing Lead BS EN 12588

Flashing alternatives Synthetic, Copper,

COLOUR

Black

EXTRUDES / COMPRESSES UNDER LOAD

No

PACK SIZE

No minimum - to order

CFC

CFC Free

ODP

Zero

REGULATION COMPLIANCE

Damp-proofing BS EN 845.2:2001

CAD DOWNLOADS

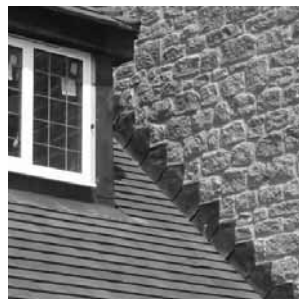
Yes

DESIGN CONSIDERATIONS

Additional catchment may be incorporated within long runs where exterior skin porosity is of concern



Multicourse Mix This example shows a combination of trays to suit 75mm 100mm and 150mm coursings.



Multicourse Regular Wide Front to Back Dimensions. The natural hamstone is built against a concrete backing block resulting in an external leaf of 250mm thickness beyond which is the cavity. Thus the trays have extended front to back dimensions.



Multicourse Regular 225mm courses trays are used throughout this example.

DAMP-PROOFING