Specifications

Product name - group	Type X Multicourse
Cavity widths accommodated	50mm to 160mm standard product range. Up to 300mm - bespoke range
Pitches accommodated	15 degrees to 70 degrees (std range)
Tray heights	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 were exterior skin porosity is of concern

TYPE X

Multi-course and Multi-depth Cavitrays

- 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

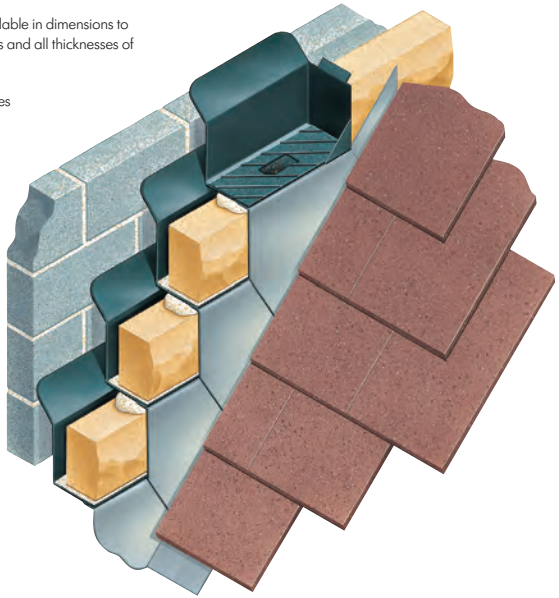
Use the Cavity Trays specification, take-off and scheduling FREE service

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.

NEW

RETROFIT



Use

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

CAVITY TRAYS
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Type X Multicourse

Cavitrays to suit different masonry dimensions and styles.

Solution

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

Trays are dimensioned to accommodate the masonry height (coursing) and the masonry depth. 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 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.

Multi-course Cavitrays installed in 150mm (6inch) steps. In this example trays have been inserted into an existing wall, demonstrating masonry removal is minimal.

Multicourse trays are supplied with attached long or short flashings in code 4 lead unless an alternative material is requested.

How to Order

Height

Clearly state the masonry module height (coursing). This coursing dimension dictates the size of the tray end upstand so it may interface correctly with the next tray in the next course. The most popular coursings are: 75mm, 100mm, 150mm, 225mm. Other dimensions available.

Depth

Clearly state the front to back depth of the masonry you are using. This dimension dictates the size of the tray base. We manufacture the base to be sufficiently proportioned to accommodate the masonry depth and provide a catchment area in accordance with NHBC and LABC guidelines. Remember, if building against a backing block, the it is the combined total depth of backing block + exterior skin that applies.

Cavity

State the cavity width and whether any cavity insulation is present. Identify your construction combination and then apply the applicable dimensions.

All options are based on a free cavity space remaining within the combination, except where Surecav is used and the tray upstand extends within bulbous spacing area. (Surecav recommend use of Cavity Trays of Yeovil products with its systems).

Provide detailed drawings and we will calculate the requirements for you.

Calculate each slope separately following the procedure described on the previous pages. Alternatively, provide detailed drawings and we will calculate the quantities for you.

Flashing

A synthetic flashing is available as an alternative to lead. Details and specification can be found within the Auxiliary Products / Restricted Applications section.

Bill of Quantity / Specification Wording

F30 -Clause 370 Preformed Cavity Trays

Manufacturer: Cavity Trays Ltd, Yeovil Somerset BA22 8HU Tel: 01935 474769

Type X Cavitray Multi course/multi depth trays with European Technical Approval to be installed at sloping abutments on new build intersections to suit cavity width of _____mm with external masonry skin course height of _____mm and external masonry skin depth of _____ mm. Build in carefully strictly observing manufacturers' instructions to correct placement and watertight installation. _____ Catchment trays. Intermediate trays _____. Ridge trays _____.