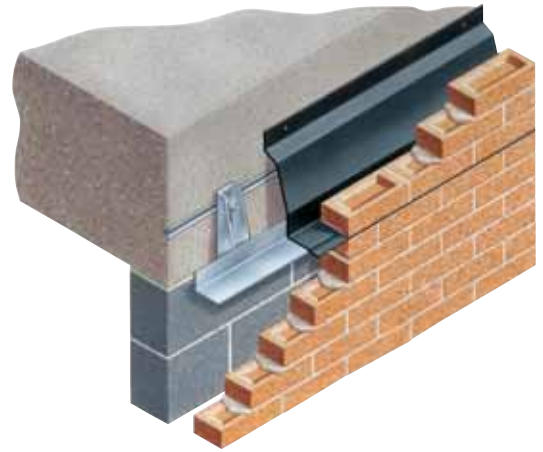


Masonry Support

Cavitrays Systems



- Maximises DPC protection against water ingress
- Pre-shaped to match support system
- Consistent shape and build detail
- Clear cavity compartment area

DAMP-PROOFING

USE

To provide DPC protection where masonry rises off a metal support system.

SOLUTION

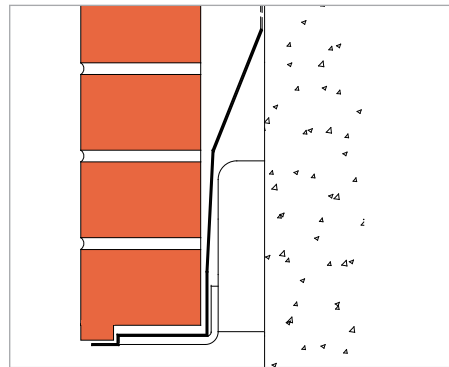
When constructing off a masonry support system, the DPC is commonly incorporated at a higher level than is ideal. This is because of the difficulty in bringing together and maintaining a consistently profiled relationship using roll material on steel. The DPC protects, but does not protect to the maximum extent. Water remains able to ingress into the steelwork.

Masonry Support Cavitrays are semi-rigid DPCs supplied preformed in ready-to-use lengths. They are specifically designed to integrate with whatever masonry support system is being used. Cavitrays locate onto the steelwork, thus affording full protection. Trays are self-supporting within the cavity and usually secured against the inner skin using accompanying Cavistrap.

Where pistol bricks are used the base incorporates double fold so installer can flex to suit and accommodate downward projection of brick front.

Paradoxically, if building in several courses higher is considered acceptable because the specific choice of metal support system is appropriately resistant to water tracking, the Cavitrays system can still be deployed at this higher level, and the benefits of promoting a preformed consistent shape used to advantage.

Adjoining lengths and mitred angles are readily linked using sealing strip. Stopends and special fabrications are available to complement the system.



HOW TO ORDER

Submit drawings for profile and application suitability. Schedules will be prepared. Alternatively state specific profile you require.

SPECIFICATION WORDING

Masonry Support Cavitrays System by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769).

For use where external masonry skin rises off masonry supports.

Measured run in metres ()
Request liability/conformity document upon completion.

PRODUCT NAME - GROUP

Masonry Support Cavitrays System

CAVITY WIDTHS ACCOMMODATED

From 50mm up to 150mm

DIMENSIONS

Lengths @ 2440mm

Profile dimensions vary to suit support system type and cavity width.

BESPOKE OPTIONS

Yes

TRADITIONAL CONSTRUCTION COMPATIBLE

Yes

TIMBER FRAME CONSTRUCTION COMPATIBLE

N/A

NEW WORK APPLICATIONS

Yes

RETROFIT APPLICATIONS

No

MASONRY SKIN STYLES

Most with pistol or full base on steel

UNDULATING MASONRY FACES

Compatible

CURVED WALL ON PLAN APPLICATIONS

Yes – see Curved Wall entries

CONGRUENT WITH OTHER WALL ELEMENTS

Analysed during bespoke preparation

ARRESTED WATER EVACUATION

Via Caviweeps (selection) in perp joints

THERMAL TRANSMISSION OF MATERIAL

Negligible – 0.15 – 0.17

MATERIAL

Polypropylene DPC

COLOUR

Black

EXTRUDES / COMPRESSES UNDER LOAD

No

PACK SIZE / WEIGHT

Varies pending design

CFC

CFC Free

ODP

Zero

REGULATION COMPLIANCE

Yes can be used to satisfy arrestment

MAY BE USED IF CAVITY INSULATION PRESENT?

Analysed during bespoke preparation

CAD DOWNLOADS

Yes

DESIGNERS' COMMENTS

The Masonry Support Cavitrays was originally jointly developed with Ancon. It was identified the preformed Cavitrays offered parallel running with the angle of the steel support bracket, and this made it possible to maximise the extent of the cavity compartment area without distortion. In comparison, roll material can misshape if brackets deflect at intervals. Water evacuation via Caviweeps provides opportunity to ventilate the cavity – and so doing aids the equalising of the pressure differential in the cavity that in turn influences the masonry receptiveness to water penetration. Compatible Caviweep presence promotes wet masonry to discharge and dry out rather than remain damp. Thus the likelihood of water retention and discolouration banding can be minimised.

