

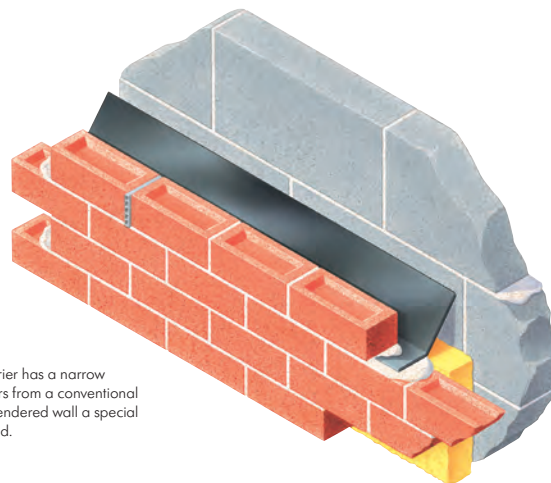
Specifications

Product name - group	Type Q
Cavity widths accommodated	50, 75, 85, 100, 125, 150mm
Dimensions	2440mm x 75mm x 150mm rise
Bespoke options	Yes – base dimensions are variable
Traditional construction compatible	Yes
Timber frame construction compatible	Yes
New work applications	Yes
Retrofit applications	No – see Type E
Masonry skin styles	No known limitation
Undulating masonry face	Compatible
Curved wall on plan applications	Yes – see Curved Wall entries
Jointing method	150mm glove lap
Congruent with other wall elements	No identified incompatibility
Arrested water evacuation	Select Caviweeps from range offered
Thermal transmission of material	Negligible
Material	Polypropylene DPC
Colour	Black
Extrudes / compresses under load	No
Pack size	Available individually
CFC	CFC Free
ODP	Zero
Regulation compliance	Yes
May be used if cavity insulation present?	Insulation should not affect functionality
CAD downloads	Yes
Design considerations	Rendered walls must incorporate evacuation provision - Designers' Comments

TYPE Q

Arresting Barriers

- Traditional or timber frame construction
- Accommodates cavity widths variance
- Rigid profile eliminates sagging or misplacement
- Clear cavity compartment area



The Type Q Arresting Barrier has a narrow base dimension and differs from a conventional horizontal Cavity. In a rendered wall a special wider version must be used.

Use

To arrest water-wash within the cavity and thus minimise water penetration impact to specific areas or features.

Solution

The function of Type Q Arresting Barriers is to invisibly arrest and reduce water-wash. The area of wall below barrier level is still damp and receptive to rain penetration, but the accumulation of water gravitating from above is lessened. Influencing and controlling water volumes within a wall in precise locations can stabilise impact and demands on adjacent protective measures.

Type Q Arresting Barriers are manufactured from semi-rigid Polypropylene DPC with a Secutex textured finish. Barriers do not extend through the full depth of a skin but stop short of the external face so there is no visual presence. Barriers are manufactured to suit specific cavity widths but do offer some flexibility to tolerate impingements within the cavity. Barriers are not suitable for use with flashings.

Type Q Arresting Barriers are commonly used in gable ends where the cavity insulation terminates at the adjacent plate level, so protection along the top of the insulation across the gable is necessitated. Arrestment of water prior to mullions, stone or solid features within a cavity wall is recommended to minimise saturation potential, especially if those features introduce and funnel the disbursement opportunities because of piers, arches or opening proximities.

How to Order

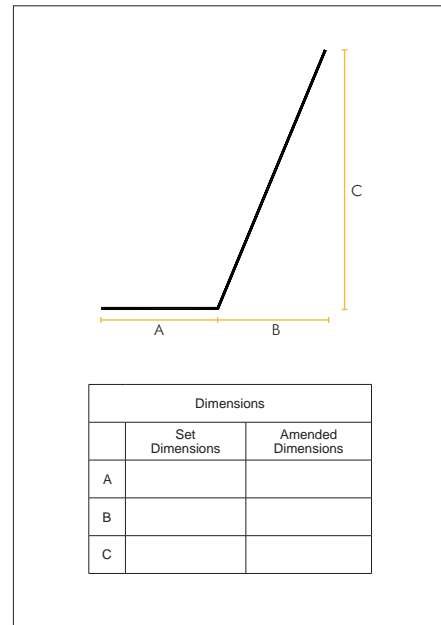
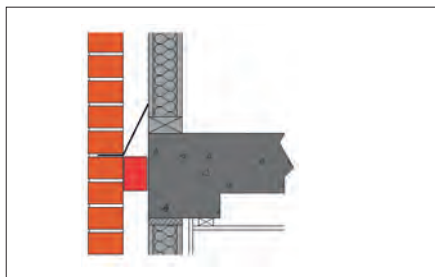
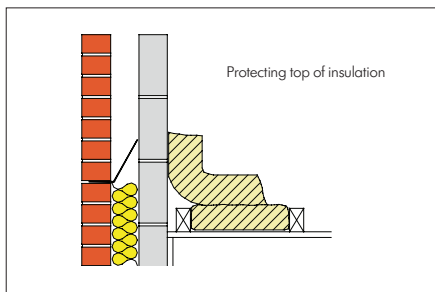
Standard- State cavity width required and number of lengths allowing for 150mm laps.

Advise any requirement for angles.

Bespoke – Advise profile required, dimensions, cavity width and number of lengths, allowing for 150mm laps. Advise any requirement for angles.

Designers' Comments

All externally rendered walls will suffer fissures and cracks as a consequence of expansion and contraction during the lifetime of the structure. Always provide rendered walls in which Arresting Barriers are incorporated with a means for water to escape. Failure to do so can result in water 'banding' and eventual spalling as a consequence of freezing temperatures. See discreet range of Caviweeps that provide functionality with minimal visual impact. Where structures exceed 12 metres in height consider use to introduce equilibrium – BS 5262. 6.2.7.4.2.8. Appropriate damp-proofing measures should be taken where recessed band courses create corresponding intrusions into the cavity – PD6697.



Bill of Quantity / Specification Wording

F30 -Clause 370 Preformed Cavity Trays

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

Type Q Arresting Barrier to be installed in cavity at designated height above firestops / where cavity insulation terminates partway up wall. Build in carefully observing manufacturers' instructions to ensure watertight installation. Type Q metres run _____. Type Q Internal angles _____. Type Q External angles _____.