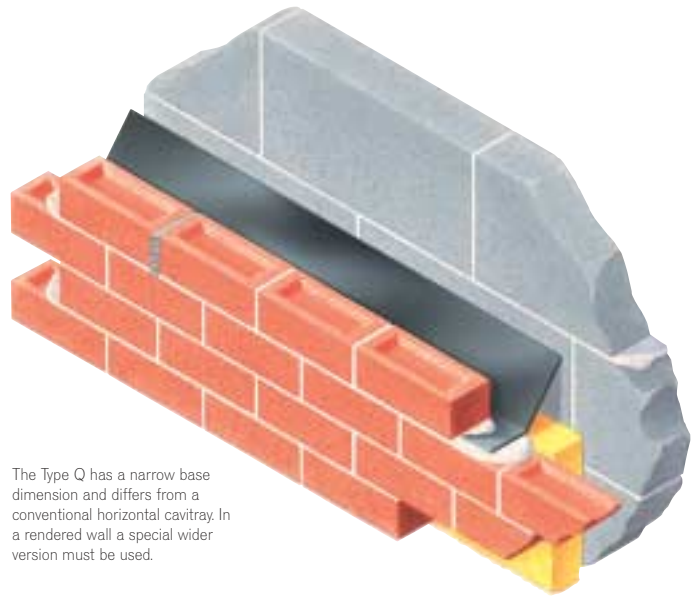


Type Q Arresting Barriers



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

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

designers' comments

The masonry above the barrier and below the barrier is susceptible to rain penetration. The purpose of arresting the water is to provide primary or secondary protection to a specific construction detail. In the case of the rendered wall, it is recommended the base dimension matches the masonry thickness. Uneven moisture-induced size changes around features within the substrate can induce cracks in render. Use of arresting barriers and the evacuation of water arrested by barriers also promotes equilibrium. Observe BS 5262. Consider use to comply with control measures applicable 12 metres from base of cavity when building is 12 to 25 metres in height, and at 7 metre intervals thereafter.

technical observations

Preformed profiles ensure correct barrier shape and performance. All dimensions including cavity size suitability, can be altered to suit client's requirements. Unobstructed cavity tray compartment area. Cannot sag, tear or buckle and does not rely on site fabrication. Branded with name and logo as proof of type and accompanying warranty.



problem

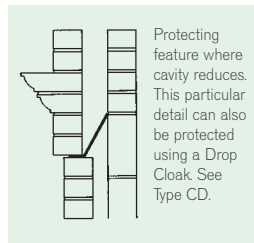
How to create DPC barriers to arrest water-wash within cavity walls to specific areas or features.

introduction

Type Q arresting barriers is the term applied to water-controlling DPC projections within cavity walls. The function of these barriers is to invisibly arrest and reduce water-wash from an area of cavity wall above a given feature or construction detail. Masonry below the barrier level however still remains damp and receptive to rain penetration. The purpose of the barriers is to influence control of water volumes within a wall and minimise damp transmission risk.

solution

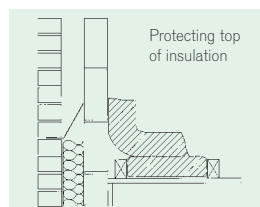
Type Q Arresting Barriers are manufactured in long lengths from semi-rigid solid DPC polypropylene. Numerous profiles are available and preformed angles, stopends



etc., permit long lengths to be quickly and economically incorporated to service specific masonry areas. A common use is to protect the top of full-fill cavity insulation. The NHBC Standards Manual stipulates an appropriate DPC must be incorporated at the highest insulation level, whenever insulation fully fills a cavity but does not terminate at the top of the wall. The barrier achieves this, preventing a wash of water at this vulnerable termination junction. The arrested water is discharged out of the building fabric via Type W weepvents that also promote the cavity wall to breathe. Arresting barriers differ from conventional cavity trays and DPCs as the base dimension is commonly narrower than the full width of the external skin.

sizes

2400mm standard overall



length. Base dimension approximately 75mm. Upstand dimension 150mm minimum. Preformed internal and external angles 450mm x 450mm. Arresting barriers can be supplied in almost any special size with dimensions to suit client's particular needs. Adjoining lengths glove-lap and Siliconbond to make up runs. Please state cavity width being used. The tensioned design of the cavity upstand eliminates the need to build barriers into the inside skin.

material

1.5mm tensioned solid polypropylene DPC securtext textured finish.

colour

Black.

installation/site work

Type Q arresting barriers should be bedded within the horizontal mortar joint at the appropriate course level. The cavity upstand should be adjusted where required to suit the cavity width in question. Preformed lengths and angles should be glove-lapped 150mm minimum to form waterproof joints aided

with Siliconbond seal sandwiched between overlays.

bill of quantity wording

Type Q arresting barriers from Cavity Trays Ltd of Yeovil, Somerset BA22 8HU (01935 474769). Bed preformed barrier within horizontal mortar joint at the appropriate course level as work proceeds. Do not dry bed. Lengths and angles to be glove-lapped to provide a minimum of 150mm lap. All overlays to incorporate Siliconbond seal. Ensure tray and all bricks are correctly bedded at all times. Incorporate Type W weepvents in masonry perp joints within the external skin, every fourth brick. Incorporate Request liability/conformity document upon completion.

ordering/regulations

See inside back cover for details.

related products and applications

See Type G for horizontal cavity trays, and Type W, Euro, beak and small adjustable for weeps. See cavibarriers for firestops over which this product may be used.