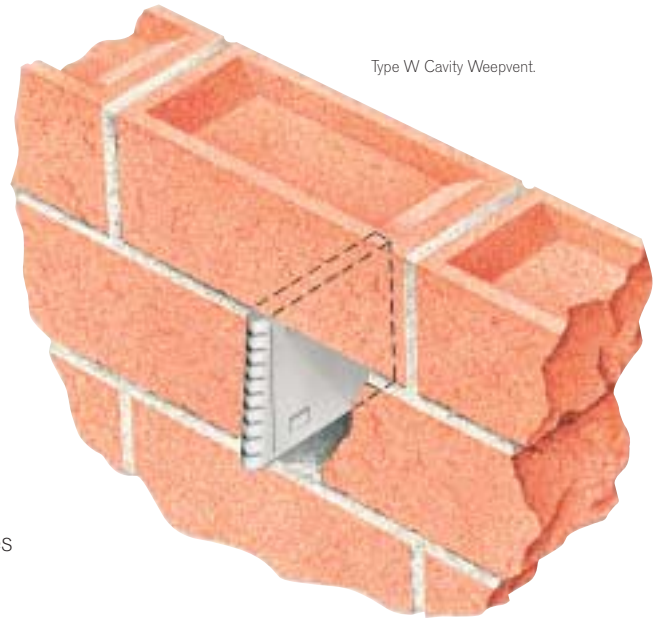


Type W Cavity Weepvent

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- Dual-function combined weep and ventilator
- Insect resistant grille
- Integral water-check baffles
- Superior air throughput and water discharge capability
- Optional render protection cover, keeps grille clean during installation
- Setistics timber frame construction ventilators of divided cavities

designers' comments

The absence of absorption material in the Type W eliminates the danger of 'trapped or held' water freezing in extreme weather conditions and spalling of the masonry taking place. (Test ASA/1990). The Type W should not be confused with single-function systems which do not offer the benefit of bi-pressure extraction and performance. The NHBC Standards Extra Issue 21, 2001, illustrated the Type W with its integral grille, stating preformed models are preferable to open perps, as grilles prevent entry of insects into the structure and weeps that do not taper are less likely to block. The Type W may be used to satisfy NHBC 6.2 - S7: Cavity wall should be vented where walls are divided by barriers at high and low levels. NHBC stipulates the equivalent airflow of an open perp every 1500mm. Positioning every third or fourth brick can fulfil requirement and prevent insect infestation.

technical observations

Branded with name and logo as proof of type and accompanying warranty.



problem

How to provide outlet drain to discharge water from tray/DPC. Also ventilator as required to ventilate wall cavities, insulated cavities and suspended floor situations.

introduction

Cavity walls require perps from trays and lintels. Cavity walls also require perp vents to remove moisture-laden air. Both functions can be accommodated with a weepvent that offers many benefits.

solution

The type W weepvent is the first specifically conceived dual-purpose weep and vent. Aesthetically and practically designed with a functionally

inclined front, the Type W is finished with an insect-resistant grille. Air can easily enter the grille which, by virtue of its shape, provides a superior overall air intake area. Internal baffles control any water which may enter and encourage discharge via the weep outlet on the projecting underside of the Type W.

The Type W removes the risk experienced with open-ended weeps and vents - often an overlooked but important factor on exposed high-rise buildings. Used as a ventilator, the Type W ensures superior performance, and allows the wall to breathe.

Used as a weep, the Type W encourages correct water discharge, as the design makes use of positive and negative air pressures. Wind-driven rain deflection is maximised because the grille is set forward. This position also prevents insect fostering within the body of weep vent.

the type W extension duct

The extension duct is designed to push-fit onto the Type W, to form a 305mm straight-through ventilator and weep.

protection when building-in

An optional front cover is available to ensure cleanliness when incorporating in rendered work. Covers are fluorescent and coloured for obvious identification. They are easily removed upon completion of render work.

sizes

Standard size 105/115mm x 65mm x 10mm plus lockfit wedges. Extension duct 200/225mm x 65mm x 10mm. Overall combined length 305mm. Standard Type W provides 320mm² free air space.

material

BS polypropylene.

colour

Available in colours to harmonize with popular mortar shades: Grey, black, beige, brown, terracotta, white,

clear. Special colours and shades available.

bill of quantity wording

Dual purpose Type W weepvents

Colour = Introduce Type W units into perp joints to facilitate discharge of water from all discharge cavitrays and all lintels. Observe spacing recommendations. Total number = Alternative: Install extended version Type W weepvents (basic unit plus extension duct) to every third/fourth perp joint in positions indicated.

Total number = Request liability/conformity document upon completion.

ordering/regulations

See inside back cover for details.

