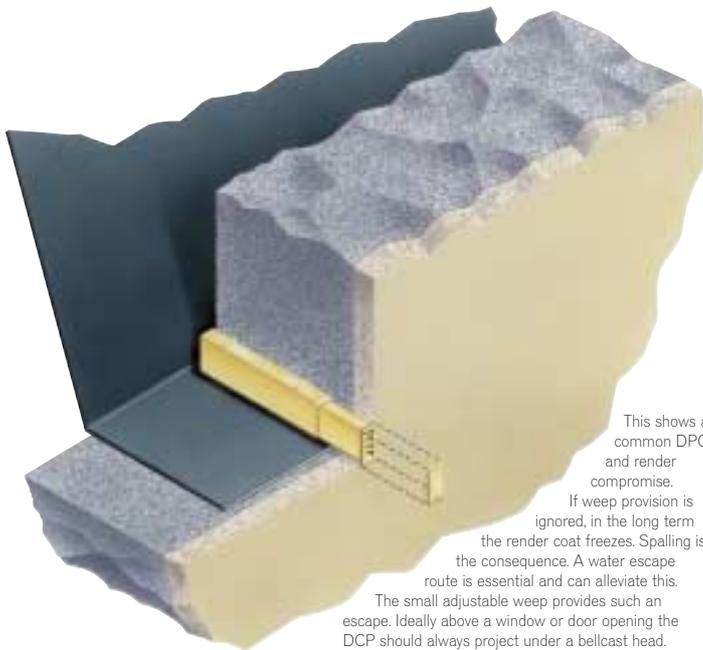


# Small Weepvent

hidden appearance, adjustable size



This shows a common DPC and render compromise. If weep provision is ignored, in the long term the render coat freezes. Spalling is the consequence. A water escape route is essential and can alleviate this. The small adjustable weep provides such an escape. Ideally above a window or door opening the DCP should always project under a bellcast head.

- Discreet appearance
- Telescopic - adjusts to suit masonry thickness
- Clear throughout - does not bottleneck
- Protective cap keeps outlet clean during installation
- May be used within rendered surfaces

## problem

To weep via a perp joint, thus promoting water evacuation from DPC, lintel or cavitray whilst permitting the cavity to breathe.

## introduction

The small weepvent provides an alternative way of establishing a water exit route from a cavity wall. This product incorporates features which benefit the user/installer which are not matched by any other product or system.

## solution

The adjustable 'hidden' small weepvent differs from other weeps with reduced outlets. The performance of any weep is dictated to a great extent by the actual dimensions and shape of the discharge outlet. If the outlet is too small, it is susceptible to blocking by mortar debris. However, if the outlet is too big and unprotected, it might act as an open 'hole' through which wind-driven rain can blow, thus preventing the weep from functioning. The small weepvent overcomes these problems and offers a considerable number of accompanying advantages. The front of the small

weepvent is practically undetectable when built into the perp joint. The 'hidden' outlet consists of a rectangular insect-resistant grille with angled mouldings. The outlet dimensions offer a higher throughput than other small models, - in instances in excess of 100% because the small weepvent does not bottleneck in shape but maintains relatively consistent dimensions, mortar debris can wash through and discharge without clogging. Water follows a direct and unobstructed route.

The small weepvent is also telescopic. There is no need to purchase extension sleeves to accommodate external skins built of different thicknesses. Similarly, the rendered wall is instantly and correctly accommodated. The telescopic facility means the small weepvent always fits and always suits. This compatibility feature is of considerable benefit to the contractor. It also aids the merchant as one model fulfils all popular construction requirements. A further important benefit of the small weepvent is the front protective cap. Following

building-in it is removed revealing a clean and mortar-free outlet grille. This simple facility ensures cleanliness - an important consideration especially when rendering walls. This telescopic feature may also be employed to project the small weepvent forward of the face-line when rendering, and pushed back to the face-line upon completion. Wind-driven rain deflection is maximised because the grille is set forward. This position also prevents insect fostering within body of weep vent.

## sizes

93mm x 24mm x 9.5mm, with telescopic section providing additional 70mm maximum.

## material

BS Polypropylene or BS ABS.

## colour

Beige, grey, terracotta or clear. The standard colour of mortarblend beige harmonizes with most masonry styles.



The removable protective front flap keeps the small weepvent clean of mortar when building-in.

## Installation/site work

Position within perp joint in accordance with our instructions and the recommendations of the NHBC/BRE (normally at 450mm centres with a minimum of 2 number per lintel). Employ telescopic facility to suit thickness of outer skin. Following installation, remove protective external cap. Ensure units are clean.

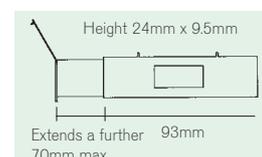
## bill of quantity wording

Small weepvent (with hidden appearance and adjustable size)

Introduce small weepvents into perp joints to facilitate discharge of water from all cavity trays, lintels or similar. (Stipulate weepvent centre/frequency) Total number=... Request liability/conformity document upon completion.

## ordering/regulations

See inside back cover for details.



## designers' comments

The horizontal shape of the small weepvent avoids funnelling - a situation in which mortar debris of a given size might wash into the back of a weep and become lodged because the dimensions reduce and taper. The small weep vent does not bottleneck in shape. The water exit route is designed to be direct to produce non-clog behaviour. NHBC Standards extra (12/4/96) refers to the use of weeps and the small weepvent may be employed to satisfy such requirements. When calculating the free exit dimensions as a percentage of the opening size dimensions, a yield of 84 percent produced the highest figure currently available in a product of this type.

## technical observations

High throughput. Insect resistant grille. Protective cap promotes cleanliness. Telescopic feature ensures compatibility. Suitable for use with rendered walls, also varying thicknesses etc. Branded with name and logo as proof of type and accompanying warranty.

