

Type D Damp Proof Course

vertical

The Type D is shaped to eliminate the danger of distortion/misplacement when building-in.



- Vertical damp-proof course
- Vertical insulator
- Robust and self-supporting - cannot sag
- Eliminates danger of mortar bridging
- Conventional build or attach to frame

problem

Establishing an insulated vertical DPC for use when closing cavity walls in the original manner. Moulded shape can be attached to frames, thus permitting more speedy construction. The DPC being shaped and secured is always in the correct position.

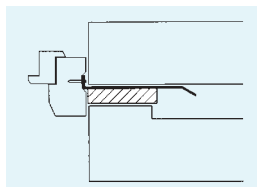
introduction

In buildings constructed of cavity walls, whenever there is a window or door opening it is necessary to close the cavity. This might be executed in the original manner by returning the inside skin whilst incorporating a DPC to prevent actual physical connection with the damp mortar and masonry of the outside skin. A flexible vertical DPC might be damaged or slightly misplaced during operations. The upgraded Type D DPC overcomes such problems and speeds up operations on site.

solution

The Type D is insulated and automatically introduces a thermal break within the reveal. Considerable cost savings can be achieved. Type D is available in a

variety of profiles to harmonize with most popular makes of window frame and door-frame. The moulded Type D is simply attached to the frame which can be incorporated immediately as the structure is raised. Alternatively, the Type D may be incorporated within the masonry and the windows introduced into the openings at a later date. Being profiled means the Type D offers flexibility and self-supporting rigidity, whilst protecting the masonry return completely. The shaped Type D wraps around the return to ensure total integrity. The dangers associated with conventional "flat" DPCs which can so easily be misplaced or damaged are eliminated. The rigidity of the Type D and the 90 degree return, ensures consistency of positioning. Exactly the right amount of Type D is against the frame and exactly the right amount provides the break through the masonry reveal. The Type D aids speedy construction.



sizes

Available in standard 2400mm lengths, in profile as example illustrated. Also available in purpose-made profiles to suit customer's specific construction needs. Instructions accompany every consignment.

material

Stabilised DPC polyethylene 1.5mm. Expanded polystyrene to BS3837/1986. 0.037W/mK typical thermal conductivity on sampled analysis.

colour

Black plus white polystyrene.

installation/site work

Type D vertical DPC sections should be cut to length. Ensure profile takes up correct position and commence laying of masonry.

Observe good building practice and recommendations of appropriate codes of practice. Lengths joined vertically by overlapping so the higher length always oversails to the

front of the lower length. Instructions accompany every consignment.

bill of quantity wording

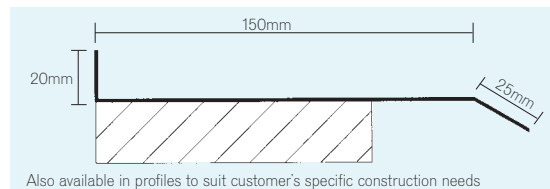
Type D vertical damp-proof course with integral insulation from Cavity Trays of Yeovil, Somerset BA22 8HU (01935 474769). Standard size or state size/profile required. Supplied in 2400mm standard lengths. Allow to cut to length to suit openings. Total required in metres = Request liability/conformity document upon completion.

ordering/regulations

See inside back cover for details.

related products and applications

See Type H cavicloser within detachable faceplate. Type V contract closer. Type O closer DPC for existing walls. Also cavicloser with squeezable insulator closer.



designers' comments

The Type D regularises original style masonry cavity closing. A report by the Building Research Establishment (Quality in Traditional Housing, Volume 2 - an aid to design) explains how DPCs should be installed around window and door openings and how experience has shown that conventional (floppy) DPCs are often bridged by mortar etc. It qualifies that a wider DPC is more likely to produce a satisfactory joint. The Type D featured within the NHBC technical newsletter issue 21:2001: 'Tried and Tested - Avoiding damp in cavity walls. It can be incorporated to comply with the latest requirements of 5.5.75 of BS5628-3:2001. Closers aid thermal efficiency and compliance with regulations is conditional on all associated and adjacent work being constructed to the most beneficial design using materials that promote optimum thermal compliance with frames being positioned to provide maximum thermal efficiency in accordance with best practice dimensions and legislation.

technical observations

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

