

# Type B Vertical DPC Cavitray

Type B Vertical DPC shown fitted between two profiles.



- Introduces vertical DPC element
- Suitable for traditional or timber frame construction
- Requires minimal masonry slot cutting to install
- Ensures regulation compliance when using profiles
- Shape suitable for mid-cavity and frame edge positioning
- Accompanying optional masonry link profiles

DAMP-PROOFING

## designers' comments

The Type B addresses an often overlooked detail in building. Whilst the cavity is not bridged, the Building Regulations still require adequate protection against the passage of moisture. The findings of the investigation carried out by the Building Research Establishment were quite specific, "ensure a vertical DPC is provided". The Type B is intended for use in existing structures and provides an easy route of addressing the regulations. This product was developed from our specialist flashing, previously listed as SF45, the profile and sizes being the most popular and satisfactory in terms of convenience of use and reliability.

## technical observations

Suitable for traditional build and timber frame construction. Preformed shape will not sag or tear. Sizes to suit all external leaf thicknesses. Integral weathering edge. Branded with name and logo as proof of type and accompanying warranty.

## problem

How to provide vertical DPC element to existing cavity wall where skin changes from exterior to interior status. (This product is for vertical use, for horizontal requirements see Type E.)

## introduction

When an extension is constructed, the status of the walls of the existing building must be considered. The installation above roof level of a DPC is addressed using the Type E cavitray. However, the vertical integrity of the structure is a commonly overlooked detail and the Type B vertical DPC can be used to satisfy this aspect.

## solution

The Type B is a semi-rigid Polygormac DPC, manufactured in a range of

preformed profiles. It may be easily introduced into the existing exterior skin of a cavity wall, following vertical cutting of the masonry to provide a 4mm slot. (This is achieved using a disc cutter.) The penetrating edge of the Type B is slightly angled and following pushing into the newly cut slot, it self-locates the Type B and provides a permanent DPC presence which runs throughout the masonry skin and into the cavity. The Type B may also be incorporated between proprietary profiles, popular as a means of linking new cavity walls with existing cavity walls. Stainless steel masonry link profiles are available to accompany the Type B, thus providing the complete link package (see page 119 Cavilinks).

## sizes

Available in 2400mm lengths. Type B1. Suits standard brickwork and standard blockwork skins. Type B2. Suits 150 mm thickness skins. Type B3. Suits 225mm thickness skins.

## material

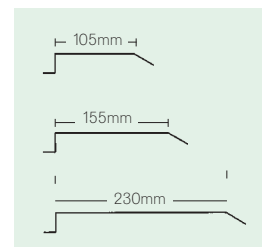
Polygormac DPC.

## colour

Black.

## installation/site work

Cleanly cut slot through depth of existing cavity skin in position and to height required. Push leading edge of Type B into slot and locate as illustrated. Wrap around external lip of Type B creates a weathering finish where appropriate.



## bill of quantity wording

Type B vertical DPC for introduction into existing masonry skins. Manufactured by Cavity Trays Limited of Yeovil, Somerset BA22 8HU (01935 474769). Introduce Type B following manufacturer's instructions which accompany every consignment. Supplied in standard 2.4 metre lengths. State if insulated version is required. Profile required = ..... Number of lengths required = .....

Request liability/conformity document upon completion.

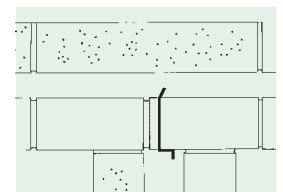
## ordering/regulations

See inside back cover for details.

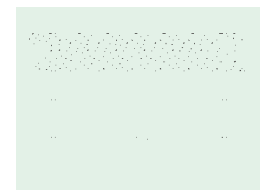
In situations where a new window or door-frame of a conservatory abuts the original masonry, consider positioning the Type B so the lip oversails as shown.

## related products and applications

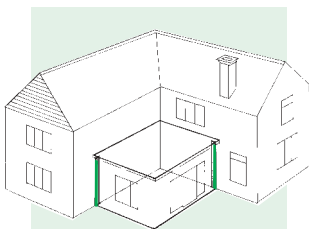
The Type B provides the vertical DPC element. See Type E for horizontal DPC.



Type B between leaves of cavity wall.



Type B with door-frame



Original exterior wall becomes an interior wall when an extension is constructed. Vertical DPC integrity is required as well as horizontal DPC integrity.



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