

APPLICATION DATA SHEET



ENVIROGRAF®

AP055-10-2018

Product Number: 55

(WB & VWB) Cavity Barrier

PRODUCT APPLICATION

A 5mm thick, foil clad intumescent (WB) plus a new ventilated type (VWB) which allows moisture to disperse, in various widths and up to 20mtr in length. Used on both the vertical and horizontal faces around window frames and door frames.

For timber and block work fix with staples or large headed clout nails or steel straps for concrete with suitable steel fixings.

The ventilated version allows moisture to disperse without detriment to its fire sealing ability. Ideal for use behind UPVC windows and timber framed houses as both vertical and horizontal barriers.

PERFORMANCE

This product has been subject to a fire test in accordance with BS 746 part 22 (1987)

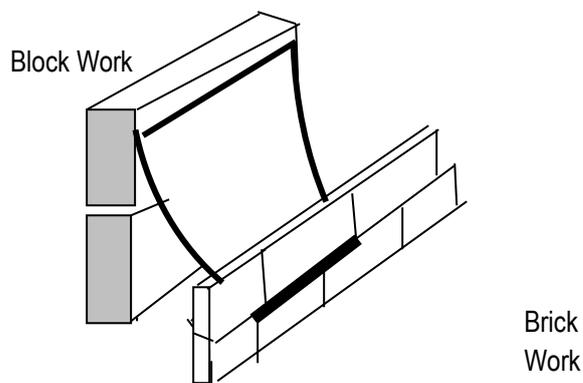
Achieving 90 minutes Integrity and 22 minutes Insulation

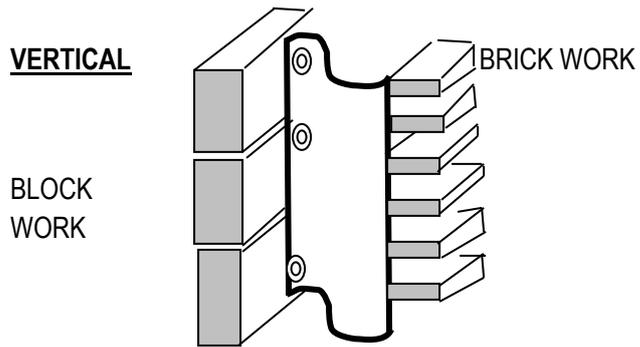
FITTING INSTRUCTIONS

The barrier is held into the horizontal position by sandwiching it between the bricks and mortar at the build stage. For vertical fix using clout nails.

BRICK AND BLOCK CAVITIES

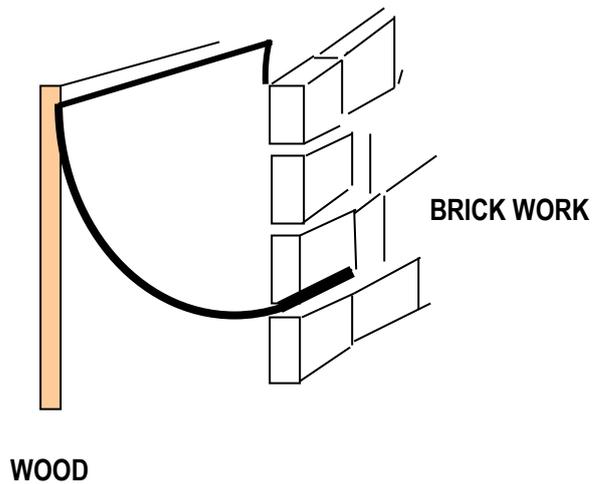
HORIZONTAL





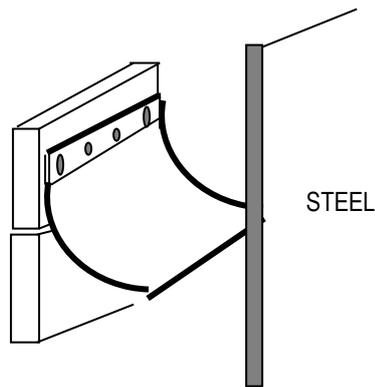
BRICK / WOODEN CAVITIES

The barrier is tucked into the brick mortar during build stage, It is then held and fixed to the wooden partition by being pushed into position , because the barrier is flexible it has spring tension and will hold its self in position.

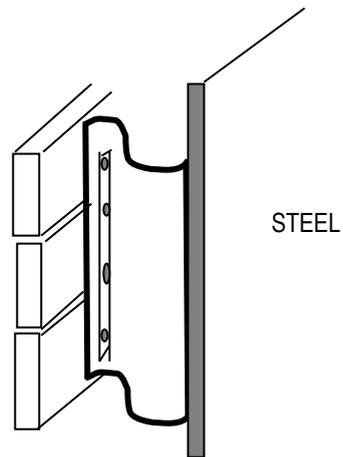


CONCRETE TO STEELWORK & STEELWORK TO STEEL FRAME

The cavity barrier can be attached to the concrete/steel by means of a metal fixing strap **FB/c1** 1250mm long or **FB/c2** 2500mm long available from **ENVIROGRAF** with appropriate fixings. The cavity barrier can be formed to the desired profile / shape so that when the cladding is fitted there is sufficient pressure to arch the barrier and form a fire break.



HORIZONTAL



VERTICAL

General Fixing Notes

Fix the metal straps with suitable steel fixings or hilti gun.

If the cavity barrier needs to be cut foil tape should be applied to the cut area.

Foil tape can be purchased separately quoting product code ST50

For continuous lengths the cavity barrier should be overlapped by 50mm