

CAVITY WALL BARRIER AND VENTILATED CAVITY WALL BARRIER



DESCRIPTION

A lightweight and easy-to-use cavity wall barrier available in non-ventilated and ventilated versions and in various widths, for use in cavities in block or brick walls or between brick walls and timber-framed buildings. It can be fixed across the cavity or it can be self-supporting.

USE

There are six types of Envirograf® cavity wall barrier:-

- Non-ventilated wall barrier (**WB**) is made from impregnated cloth and galvanised wire mesh and is ideal for fixing to cavity walls before fixing door/window frames (see illustrations 5 & 6 on next page). It can be pressed into a V-shape to be self-supporting in the cavity (see illustration 12 on next page). The WB barriers can be fitted with a sponge as a cold bridge.
- Ventilated wall barrier (**VWB**) is made from intumescent material adhered to impregnated cloth with reinforced kraft paper and galvanised wire mesh inside. It can have the following vent patterns: pattern **A** has one row of small vents, pattern **B** has two rows of small vents, pattern **C** has three rows of small vents, pattern **D** has three rows of medium vents, and pattern **E** has three rows of large vents. See vent diagram below.
- In response to requests for a non-ventilated wall barrier like **WB** but with a facility to let moisture out and keep smoke out of the cavity, this can be achieved with the **VWBG** barrier consisting of the standard **WB** barrier but with rubber grommets and plastic tubes coming out of the seal, through the brick/block joints to the outside (see illustration 10 on next page). All the above barriers can be made to any width and 950mm or 1900mm standard lengths.
- Non-ventilated wall barrier sponge (**WBS**). Compress the fireproof sponge into cavity. Can be adhered with Envirograf® Product 46 intumescent adhesive (IA).
- Ventilated wall barrier sponge (**VWBS**). Compress the fireproof sponge into cavity. It can have the following vent patterns: pattern **A** has one row of small vents, pattern **B** has two rows of small vents, and pattern **F** has one row of large vents. See vent diagram below. Can be adhered with Envirograf® Product 46 intumescent adhesive (IA).
- Non-ventilated waterproof Thermal Cavity Barrier (**TCB**) offers both fire protection and effective thermal protection around window and door apertures.

PERFORMANCE

Tested to BS476 Part 22 (1987), achieving up to 104 minutes integrity and 100 minutes insulation. Also tested to BS476 Part 22 (1987) achieving 132 minutes. Tested to BE EN1363-1.

ORDERING REFERENCES :

WB	Foiled Cavity Wall Barrier	(non-ventilated)
VWB	Foiled Cavity Wall Barrier	(ventilated with apertures)
WBS	Sponge Cavity Wall Barrier	(non-ventilated)
VWBS	Sponge Cavity Wall Barrier	(ventilated with apertures)
VWBG	Foiled Cavity Wall Barrier	(ventilated with grommets and tubes, stopping smoke in the cavity)
TCB	Sponge Thermal Cavity Barrier	(non-ventilated)



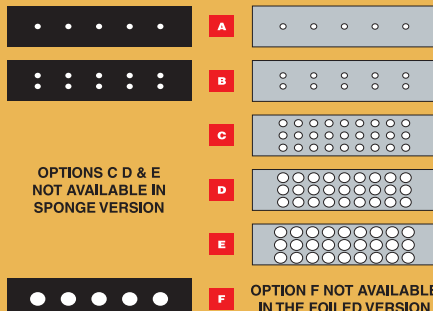
Standard foil barrier widths: 75mm, 120mm, 150mm, 200mm, and 250mm.

Standard sponge barrier widths: 80mm, 135mm, 165mm, 210mm, and 265mm.

See price list for full range. State gap width when ordering. Other sizes made to order.



VENTILATION HOLE PATTERNS



SPONGE

STANDARD SPONGE WIDTHS:
80mm, 135mm, 165mm,
210mm, 265mm

FOILED

STANDARD FOIL WIDTHS:
75mm, 120mm, 150mm,
200mm, 250mm

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