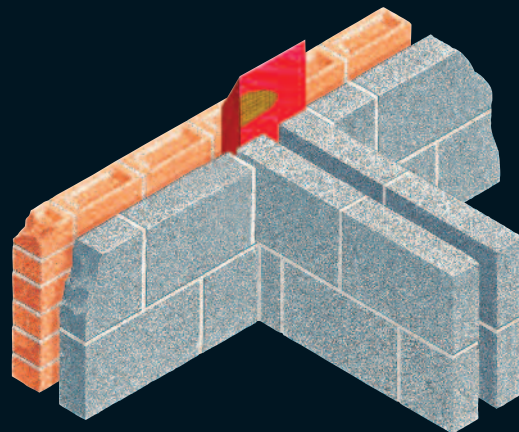


Cavi60

Type SAF Vertical Cavity Barrier / Stop

- Acoustic Barrier
- Fire Barrier – 4 hours rating
- Sloping shape deflects water forward
- Easy linking and continuity



REQUIREMENT

To provide vertical 60 minute fire rated acoustic cavity stop at party wall junctions.

SOLUTION

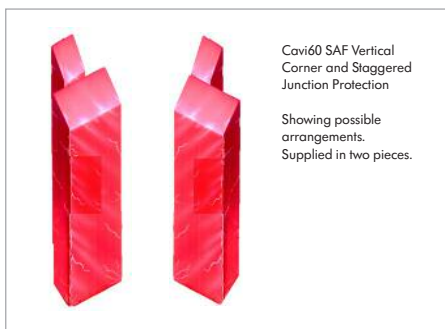
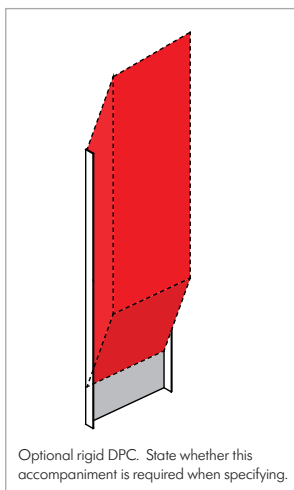
This vertical dual-function barrier is for use where separating walls (party walls) join exterior cavity walls. The barrier introduces a four hour rated fire integrity level and acoustic cushioning as demanded by legislation. The ends of the Cavi 60 Type SAF Vertical Barrier are angled so that each vertical length wedges into and against the vertical length under it, promoting continuity. Water cannot permeate inwardly because all joints are made sloping forward towards the outer leaf (as with the horizontal SAF barrier).

Vertical barriers are enveloped within a polythene sleeve sufficiently robust to act as a DPC, as defined by NHBC / Building Regulations. In applications where a rigid DPC presence is also required, the barrier is available with a semi-rigid polypropylene DPC bonded to one side. The specifier has the choice of two formats, both of which permit compliance in a manner most appropriate for the specific build detail.

Cavi60 Type SAF vertical barriers are available in a range of standard and bespoke sizes. Models also made for solid walls. A 240 cavi rated version is available for cavities up to 100mm..

SPECIFICATION WORDING

Cavi 60 Type SAF Vertical Cavity Barrier by Cavity Trays of Yeovil Somerset BA22 8HU (01935 474769). To close all party wall / external wall vertical intersections.



PRODUCT NAME - GROUP

Cavi 60 Type SAF Vertical Barrier

EXPOSURE RATING

Very severe

CAVITY - STANDARD SIZES ACCOMMODATED

Up to 180mm

SPECIAL CAVITY WIDTHS ACCOMMODATED

Yes - bespoke service offered

PRODUCT LENGTHS

1200mm x 300mm (typical)

PRODUCT CORNERS

Internal and external in matching dimensions

ACTS AS VERTICAL DPC

Yes

ACTS AS INSULATOR

Yes

TRADITIONAL CONSTRUCTION

Fire rated closers tested in a cavity wall consisting of two masonry skins

MASONRY SKIN STYLES

All popular flat faced masonry

UNDULATING MASONRY FACE FINISHES

Seek advice providing details of material

ACOUSTIC INSULATOR

Yes

FIRE RATED

Yes – Cavi60 denotes 60 minutes rating

VERTICAL AND HORIZONTAL APPLICATIONS

Vertical only – see adjacent page for horizontal barrier

COMPATIBLE WITH OTHER CAVITY WALL ELEMENTS

Yes – see Designers' Comments reference starter section

SECURING TIES SUPPLIED

N/A compression held and wedge holds on lower

PACK SIZES

Lengths available individually

INSULATION K VALUE

Rock MW 0.035W/mK

COLOUR

Red envelopment, black DPC

BUILDING REGULATIONS

Yes regulations can be satisfied

NHBC / ROBUST DETAILS / BUILDING REGULATIONS

Yes requirements can be satisfied

CFC FREE

Yes + zero ODP

ECO POINTS RATING

Low

CAD DRAWING DOWNLOADS AVAILABLE

Yes

DESIGNERS' COMMENTS

Adoption of this approach can allow you to use a default value of 0.2. Should the party wall incorporate measures to prevent inter-dwelling water (spillage/flooding) contamination as defined by NHBC/Robust Details, the presence of a vertical barrier can block the intended water exit path. To overcome this problem a starter section of the Cavi 60 Type SAF Vertical Barrier that maintains an exit route can be supplied for placement at the base of the intersection. The section also offers compatibility where an exterior wall cavity gas barrier is present. A Type W caviweep-vent is incorporated to facilitate discharge through the exterior skin. Fire and acoustic integrity to both dwellings can be maintained.

Every building that is divided into more than one area of different occupation must be designed and constructed in such a way that in the event of an outbreak of fire within the building, fire and smoke are inhibited from spreading beyond the area of occupation where the fire originated. 2.2 BR(S) – mandatory

Fire rated closers tested in a cavity wall consisting of two masonry skins. Where use is proposed where one skin is not of masonry, it is the users responsibility to ensure the proposed construction provides a level of stability, integration, performance and fire resistance and the resultant detail is fit for purpose and will perform to the standard created and determined by the user.

