

CAVITY STOP SOCK

**Concept
Conversions
Limited**

**Unit 13,
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Northants
NN8 6ZB**

Data sheet 1001

Description

Concept Cavity Stop Sock consists of a length of flexible mineral wool slab fully enclosed in polythene.

Purpose

Concept Cavity Stop Sock is designed to prevent fire penetration and minimise sound transmission through masonry cavity walls of buildings.

Dimensions

Concept Cavity Stop Socks are supplied in 1200mm lengths and are factory cut to suit cavity widths from 50mm to 150mm.

Cavities wider than 150mm can be accommodated, although Concept Firestop Slab may be more suitable. Please contact our sales office for further details.

Other dimensions to suit cavities up to 150mm and for party wall acoustic applications are available on request.

Standards and Performance

The mineral wool core of a Concept Cavity Stop Sock is non-combustible to BS476: part 4: (1984).

The correct use of a Concept Cavity Stop Sock will exceed the requirement for a 30 minute cavity fire barrier as defined in Table A6 of Appendix A to Approved Document B of the Building Regulations 1991. The product has been independently tested adopting procedures and criteria from BS476 : part 20 : (1987) and achieved 1 hour fire resistance.

Further independent assessment has concluded that increasing the width of the barrier can increase the fire resistance up to 2 hours.

Approved Document B of the Building Regulations 1991 (2000 edition), Section 10, Table 12 "Provision of Cavity Barriers" gives a complete list of cavity type and building purpose groups for which a cavity barrier should be installed.

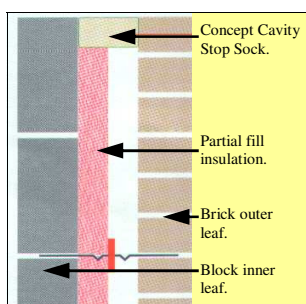
Table 14 of the same document gives maximum dimensions of cavities in specified building groups. These tables should be referred to in full by the designer when considering the provision of cavity barriers.

Concept Cavity Stop Socks comply with the robust details accepted to provide a solution which satisfies the Approved Document E (2003 edition) of the Building Regulations relating to the transmission of sound.

Fixing

Concept Cavity Stop Socks are supplied 10mm to 15mm thicker than the cavity in which they are to be installed and are friction fitted during the brickwork process.

During vertical installation it is advisable to place a length of damp proof course between the cavity stop sock and the outer leaf.



During horizontal installation it is advisable to protect the Cavity Stop Sock with a damp proof course or proprietary cavity tray immediately above with a minimum 100mm upstand.

Special attention must be paid to the joints to ensure that these are very closely butted. Cavity barriers may fail at the joints if a gap is left and it is recommended that the polythene is cut away from both adjoining ends to ensure the closest joint possible.

Small barriers should overlap by 150mm to ensure continuity. Larger barriers should be tightly butt jointed.

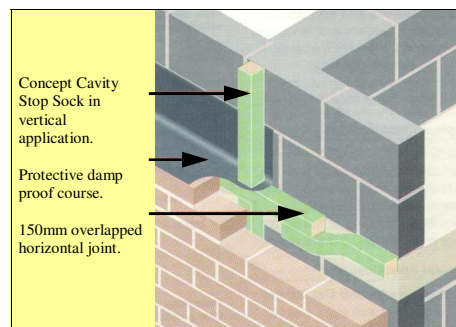
- **Meets Building Regulations.**
- **Fire, thermal and acoustic solution.**
- **Simple to install.**
- **Water repellent.**
- **Maintenance free.**



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INTERNATIONAL FIRE**



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