

TIMBER CAVITY BARRIER

Description

Concept Timber Cavity Barrier consists of a length of flexible mineral wool slab fully enclosed in polythene with flanges on each side for initial fixing purposes.

Purpose

Concept Timber Cavity Barrier is designed to prevent fire penetration and minimise sound transmission through the wall cavities of timber framed buildings.

Dimensions

Concept Timber Cavity Barriers 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.

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



Standards and Performance

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

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.

Approved document B of the Building Regulations 1991 (2000 edition) section 10, Table 13 "Provision of Cavity Barriers" gives a complete list of cavity type and building purpose groups for which a cavity barrier should be installed.

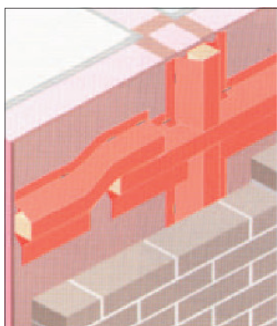
Table 14 of the same document gives maximum dimensions of cavities in specified building groups. These tables should be referred to in full by the designer when considering the provision of cavity barriers.

Concept Timber Cavity Barriers 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

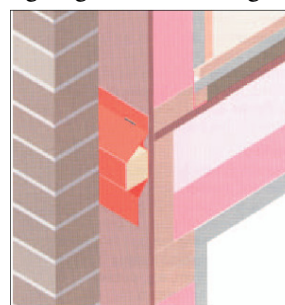
Concept Timber Cavity Barriers do not rely on their polythene flanges to hold them in place. They are supplied 10mm to 15mm thicker than the cavity in which they are to be installed. This ensures a tight fit as they are held in place by compression between the inner leaf and outer brickwork.

During vertical installation, both flanges are fixed to the inner timber sheathing using non-corrosive clout nails or staples at 150mm centres.



During horizontal installation the upper flange only is stapled or nailed to the inner timber sheathing. The breather membrane should be cut to overlap the upper flange of the Timber Cavity Barrier.

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 sleeve is cut away from both adjoining ends in order to ensure the closest joint possible. Small horizontal barriers should overlap by 150mm to ensure continuity. Larger barriers should be tightly butt jointed.



Tel 01933 673100
Fax 01933 675353

Email
conceptsales@btconnect.com
Web
concept-conversions.co.uk