

INTUMESCENT CAVITY BARRIERS

**Concept
Conversions
Limited**

**Unit 13,
Trinity Centre,
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Wellingborough,
Northants.
NN8 6ZB**

Data sheet 1020A

Description

Concept Intumescent Cavity Barriers are flexible strips of high density, thermally expandable, graphite based mat enclosed in aluminium foil.

- **Allows continuous free air space**
- **Meets building regulations**
- **Simple to install**
- **Unaffected by moisture**
- **Maintenance free**

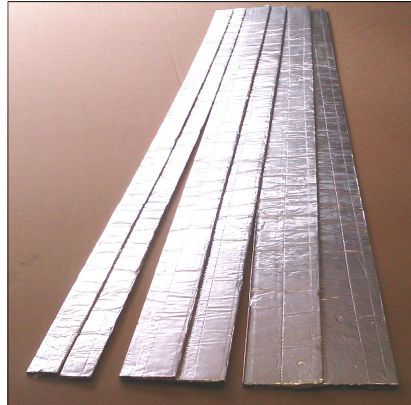
Purpose

Concept Intumescent Cavity Barriers are designed to prevent fire penetration in cavities and gaps where there is a need for continuous ventilation.

In the event of a fire, the intumescent reaction is triggered causing the material to expand unidirectionally to form a highly effective barrier.

Dimensions

CB30 2.3 x 30 x 1000mm
CB50 4.6 x 50 x 1000mm
CB60 4.6 x 60 x 1000mm
CB70 4.6 x 70 x 1000mm



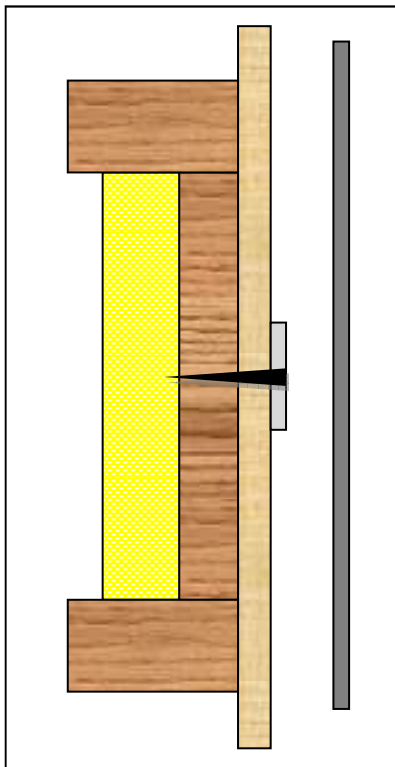
Longer or shorter lengths are available on request.

Standards and Performance

Concept Intumescent Cavity Barriers have been independently tested adopting procedures and criteria from BS476 : part 20 : (1987) and achieved 1 hour fire resistance in a timber frame and up to 2 hours fire resistance in a non combustible construction. The correct use of a Concept Intumescent Cavity Barrier 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.

Fixing

Concept Intumescent Cavity Barriers are designed for use in cavities typically 15 to 50mm wide.* They are supplied with double sided tape pre-fixed to one face. This is to enable the installer to easily position the barrier prior to mechanical fixing. The barriers should be fixed using panel pins, staples or screws with a maximum head diameter of 6mm. All fixings should be located along the centre of the barrier, minimum 4 fixings per metre length. Joints in the barrier should be tightly butted to form a continuous length.



*For cavities over 50mm or for rainscreen or facade applications, please contact our sales department or refer to our data sheet 'Rainscreen Cladding Barrier'.

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