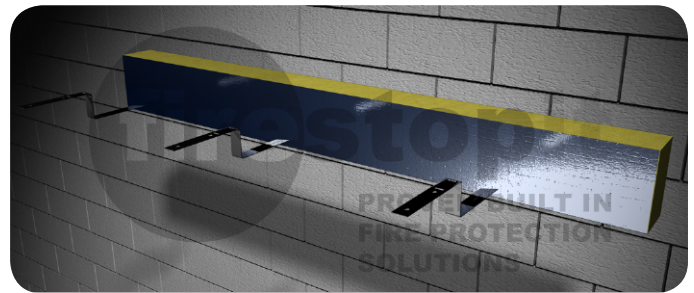


# SILVERLINER® RAINSCREEN CAVITY BARRIER

Product name	Silverliner Rainscreen Cavity Barrier
Product Code	RCBL
Revision Date	25/05/09
Revision number	01
Ref	RSCB



## INTRODUCTION

Silverliner® Rainscreen Cavity Barrier RCB comprises an aluminium foil faced structural mineral wool section with an integral intumescent strip bonded to cover the exposed face. In the event of direct exposure to fire, when subjected to heat, the intumescent strip rapidly expands and fills the air gap left within the void. Two versions are available – closed and ventilated. The closed version allows for movement of the barrier by incorporating a flexible seal whilst the ventilated version allows for movement of air and moisture

### The advantages of Silverliner RCB are as follows:

- Available in different widths & Pre-Cut Units
- Free of halogens, asbestos, fibres and silica and is non toxic.
- Suitable for use in irregular applications.
- Brackets included in pack.
- Long life and ease of application with minimum waste.
- Acoustic Reduction – Closed version
- Encased fibre migration for air plenum use.



## SPECIFICATION

<b>Description</b>	Silver Foil Wrapped with Black Intumescent edge
<b>Activation</b>	180°C
<b>Expansion Volume</b>	25 time thickness of material (1.4mm = 30mm)
<b>Expansion Pressure</b>	approx. 0.7N/mm <sup>2</sup>
<b>Density</b>	approx. Mineral Wool 80kg/m <sup>3</sup> Intumescent 1.3
<b>Testing</b>	BS476 pt 20/22, DIN 4102 B2 - 30/30 Ventilated / 1 hour Closed
<b>Dimensions</b>	75mm thickness x 1000mm long
<b>Widths</b>	30mm to 290mm



# SILVERLINER® RAINSCREEN CAVITY BARRIER



## INSTALLATION

- RCB must be installed with un-faced mineral fibre in contact with sides of structural element.
- Insert seal in to cavity with a 25mm gap to the external edge of cavity in respect of the ventilated version.
- Insert seal in to cavity to form a snug fit the external edge of cavity allowing room for the flexible seal to work in respect of the closed version.
- Strips are located with dedicated 'split' fixing brackets which are impaled in to RCB material at mid-thickness.
- Bracket to be at 400mm centres, push legs back to mechanically retain intumescent strip.
- Brackets must be fixed to structure using non-combustible fixings.
- Ensure all joints of RCB are tightly abutted

**For further information see Installation Manual.**



## COMPLIANCE

Silverliner RCB is manufactured in the EU, meeting the highest quality standard in compliance to BS EN ISO 9001:2008. For fire test certification contact Firestopit technical department.



## STORAGE AND DISPOSAL

Silverliner RCB should ideally be stored between -5°C and +25°C indoors, above ground level in dry well ventilated conditions.



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