TECHNICAL DATA SHEET

OSCB 60/25 (Open State Cavity Barrier)

PRODUCT DESCRIPTION

ROCKWOOL® stone wool fire barrier faced with high performance intumescent material & polythene sleeved. Designed for use in ventilated rainscreen façades, allowing free airflow and drainage.

Open State Cavity Barriers offer an effective fire barrier for ventilated voids up to 425mm in depth. Having been tested to TDG 19 & the general principles of BS EN 1363-1, OSCB 60/25 offers a superior fire rating of up to 60 minutes insulation & integrity with an air space of 25mm.

FEATURES

- Suitable for 25mm airspace
- Tested to TDG 19 & the general principles of BS EN 1363-1
- 60 minute insulation and integrity fire rating for ventilated cavities up to 425mm in width
- Quick and cost effective installation
- Galvanised steel fixing brackets & course wound screws supplied as standard, stainless steel as a tested option are available (please specify at time of enquiry)

SPECIFICATION

Dimensions

Thickness   - 90mm
Width   - Total cavity size less 25mm
Length   - 1000mm
Max Air Gap - 25mm

SUGGESTED ACCESSORIES

AIM Polythene sleeved Wall Cavity Barrier for vertical compartmentalisation

TECHNICAL INFORMATION

Product	Sleeve Colour	Integrity/ Insulation	Air Space (mm)	Max Cavity (mm)
AIM OSCB 60/25	White	60/60	25	425

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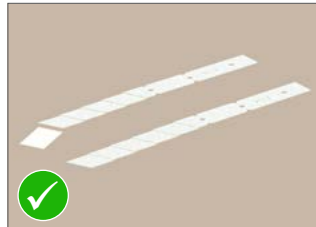INSULATION MANUFACTURING LIMITED

INSTALLATION GUIDELINES

System components:
- Linear sections of fire barrier supplied in one metre lengths
- Galvanised or Stainless Steel Fixing Clips
- Galvanised or Stainless Steel Coarse Wound Screws

Items required for installation:
- Suitable Personal Protective Equipment (PPE)
- Hand Saw / Insulation Saw
- Tape Measure
- Sharp Knife
- Intumescent Mastic
- Non-Combustible fixings suitable for the substrate

Form the clips to an L shape and snap the clip to length. It must penetrate at least 50% of the barriers width but should not pass through the intumescent layer.

Do not remove the weatherproofing polythene layer.

Fit the clips to the substrate at 500mm centres ensuring that non-combustible and corrosion resistant fixings are used. One screw is required per clip.

Ensure that the product is installed with the instumescent material facing towards the cladding panel.
Do not apply tape over the face of the barrier.

Impale the barrier onto the fixing clips, mid depth, ensuring the intumescent faces the open airspace. Ensure a tight butt joint between sections of barrier.

Make sure that the barrier is sitting flush back to the substrate and no gaps are present.
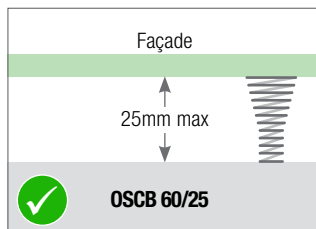
Insert three coarse wound screws through the intumescent and into the barrier. Once the façade is installed these should be wound out to touch the inside of the façade panel.
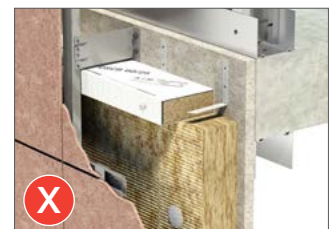
Make sure there are no gaps between adjoining sections of barrier. Any minor voids should be addressed with intumescent mastic.

Make sure that the airspace doesn't exceed 25mm and that all of the coarse wound screws are in contact with the inside of the façade panel.

Make sure that the intumescent strip is clear to expand freely to the rear of the façade without obstruction. i.e. Vertical Cladding Rails preventing free expansion.

IMPORTANT: Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. Goods supplied by the company are made to approved standards from the highest quality raw materials but no warranty or guarantee is given as to their suitability for any particular purpose or application, and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any information given to us as to intended use of such products. It is therefore recommended that prospective users should test a sample of this product under their own conditions to satisfy themselves that the product is suitable for the purpose intended.

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