

# TECHNICAL DATA SHEET

## OSCB 60/44 (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 TGD 19 & the general principles of BS EN 1363-1, OSCB 60/44 offers a superior fire rating of up to 60 minutes insulation & integrity with ventilated air spaces of 44mm.

### FEATURES

- Suitable for 44mm airspace
- Tested to TGD 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 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 44mm
- Length - 1000mm
- Max Air Gap - 44mm

### 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 60/44 | Blue          | 60/60                | 44             | 425             |

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## INSTALLATION GUIDELINES

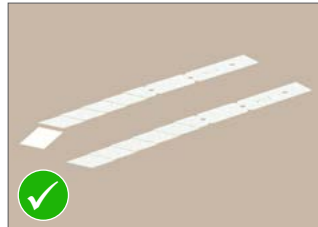
### System components:

- Linear sections of fire barrier supplied in one metre lengths
- Galvanised or Stainless Steel Fixing Clips

### 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 barrier's width but should not pass through the intumescent layer.



Do not remove the weatherproofing polythene layer.



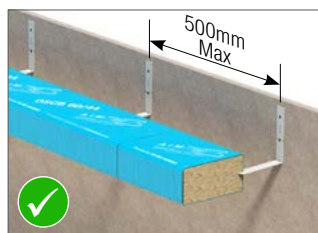
Fit the clips to the substrate at 500mm centres ensuring that non-combustible and corrosion resistant fixings are used. One screw is required per clip.



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



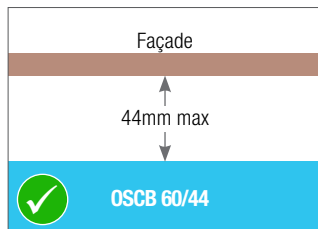
Impale the barrier onto the fixing clips, mid depth, ensuring the intumescent faces the open airspace. Ensure a tight butt joint between sections of barrier.



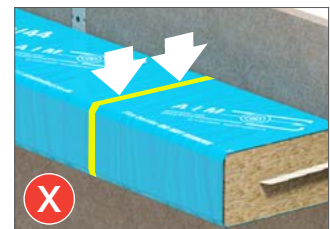
Make sure that the barrier is sitting flush back to the substrate and no gaps are present.



Make sure that the airspace doesn't exceed 44mm.



Make sure there are no gaps between adjoining sections of barrier. Any minor voids should be addressed with intumescent mastic.



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.



## AIM

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# TECHNICAL DATA SHEET

## OSCB 120/44 (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 300mm in depth. Having been tested to TGD 19 & the general principles of BS EN 1363-1, OSCB 120/44 offers a superior fire rating of up to 120 minutes insulation & integrity with ventilated air spaces of 44mm.

### FEATURES

- Suitable for 44mm airspace
- Tested to TGD 19 & the general principles of BS EN 1363-1
- 120 minute insulation and integrity fire rating for ventilated cavities up to 300mm in width
- Quick and cost effective installation
- Galvanised steel fixing brackets supplied as standard, stainless steel as a tested option are available (please specify at time of enquiry)

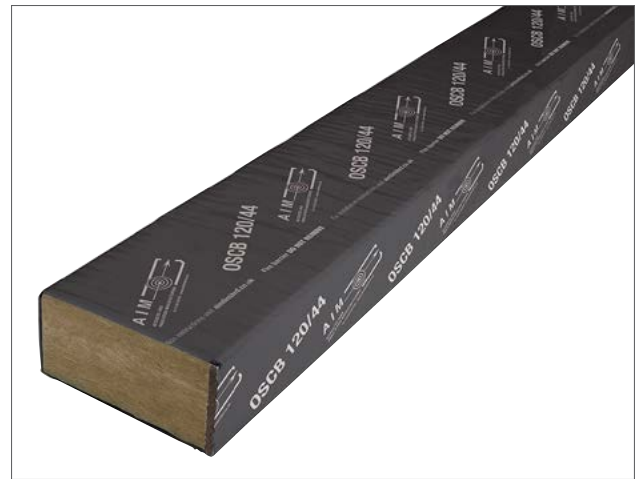
### SPECIFICATION

#### Dimensions

- Thickness - 90mm
- Width - Total cavity size less 44mm
- Length - 1000mm
- Max Air Gap - 44mm

### 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 120/44 | Black         | 120/120              | 44             | 300             |



## INSTALLATION GUIDELINES

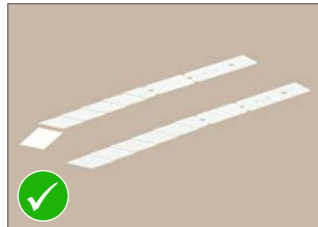
### System components:

- Linear sections of fire barrier supplied in one metre lengths
- Galvanised or Stainless Steel Fixing Clips

### 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.



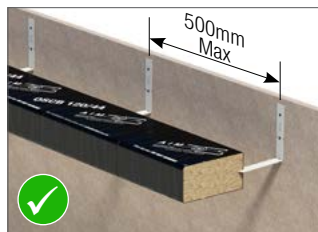
Fit the clips to the substrate at 500mm centres ensuring that non-combustible and corrosion resistant fixings are used. One screw is required per clip.



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



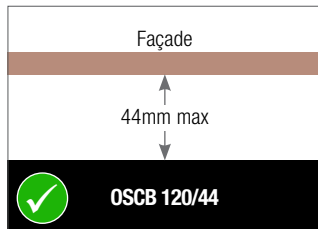
Impale the barrier onto the fixing clips, mid depth, ensuring the intumescent faces the open airspace. Ensure a tight butt joint between sections of barrier.



Make sure that the barrier is sitting flush back to the substrate and no gaps are present.



Make sure that the airspace doesn't exceed 44mm.



Make sure there are no gaps between adjoining sections of barrier. Any minor voids should be addressed with intumescent mastic.



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.



## AIM

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