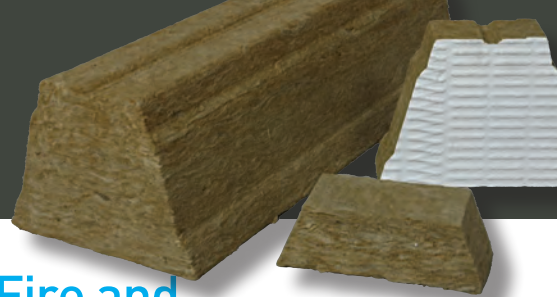
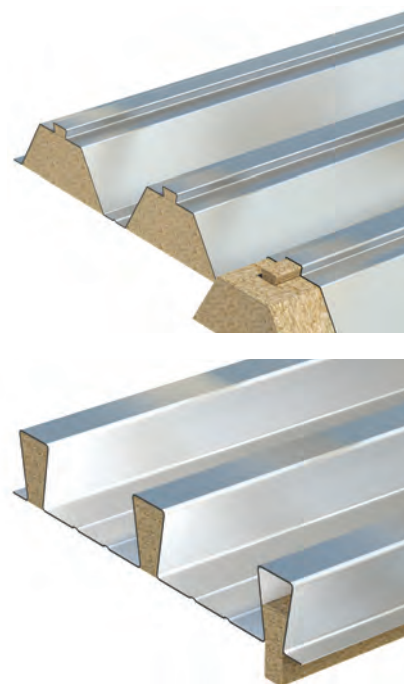
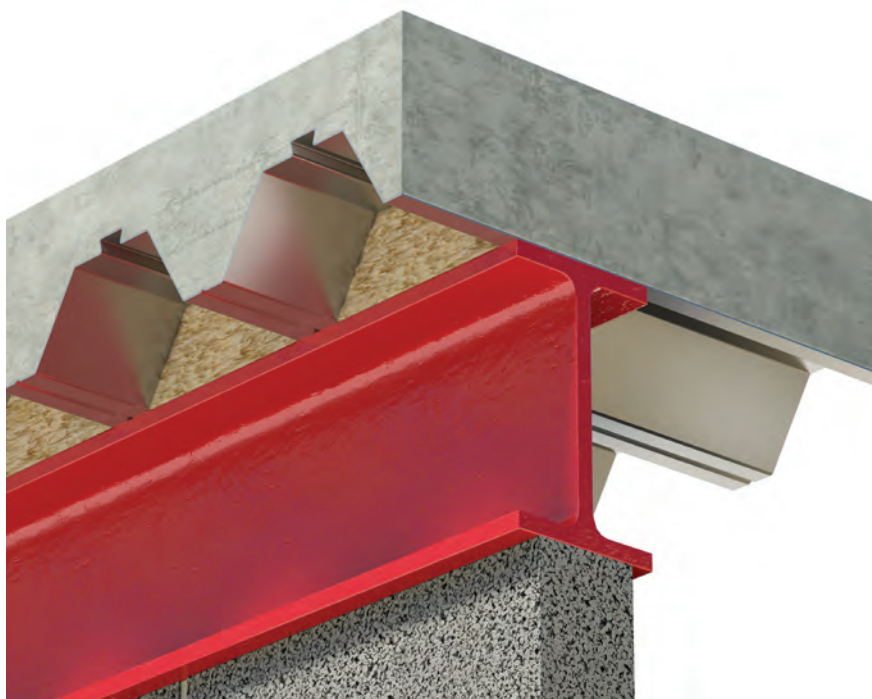


AIM Fire Stop Blocks



AIM High Density Rockwool stone wool Fire and Smoke Stop Blocks for apertures in buildings, especially the flutes of metal profiles



AIM Fire Stop Blocks are made from high density Rockwool stone wool. Incorporated into the building during construction, they are used to seal apertures and are permanently held in place by compression. They can also be used within metal cladding as a fire break and to protect the top flange of steel beams.

ROCKWOOL®

Specification

Minimum block length: 50mm

- No mastics or sealants required
- Tested to BS 476 part 20 and assessed by Warrington Fire Research Centre
- Ozone depletion potential of zero, no CFCs or HCFCs used in manufacture
- Global warming potential = zero

Applications

- Composite Flooring Profiles
- Dovetail Composite Flooring Profiles
- Metal Decking, Roofing and Cladding

Fire Performance

Fire Resistance Minutes	Minimum Length of Fire Stop Block mm	
	Height up to 75mm	Height 76mm → 300mm
30	50	50
60	60	75
120	75	100
240	100 EHD*	100 EHD*

*EHD = Extra high density barrier with lap joints
EHD is not required for dovetail blocks

Length measures the amount of fire stop material required. The total length may be provided by two shorter blocks (i.e. two 50mm long blocks are suitable for a minimum length requirement of 100mm).

Acoustic Rating

When installed above a partition and where an impermeate 12.5mm plasterboard ceiling is installed to abut the partition below on both sides, the room-to-room sound reduction, on the path of the Fire Stop Block, will be at least 47dB – average sound reduction index.

Installation

AIM Fire Stop Blocks are push fitted into place; they must fit tightly and completely. Dovetail fire stops are supplied as rectangular blocks, which are pinch fitted into the profile, then pushed into place. Slip plates may be used for difficult installations.

Air leakage

AIM ablative coated fire stop blocks provide a robust solution to air leakage requirements. These are available to suit most major cladding and decking profiles. See page 19 [AIM Construction shapes].

Suggested accessory

AIM Intumescent mastic.