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FIREZERO THERMALZERO ACOUSTISOUNDZERO ACOUSTICFIREZERO VIBROZERO HYGENAZERO

VERTICAL RAINSCREEN FIRE CLOSER

PRODUCT DESCRIPTION

FIREZERO Series 1080 Rain screen Vertical fire closure consists of a carrier of medium density mineral wool encapsulated in Class 0 Foil. A galvanised steel fixing strap is with the product to prevent slippage.

PRODUCT FUNCTION

FIREZERO Series 1080 is designed to go between the external rain screen cladding and the internal wall structure to create a fire break vertically, normally level with the internal walls.

The use of a full fill vertically **FIREZERO Series 1080** also achieves the acoustic requirements of Document E (2003 edition) of the building regulations.

Generally an air gap is not needed vertically meaning the product works under compression filling the vertical void creating an economical solution. Although fixed by compression a bracket must be used.

The system is designed to be used with our horizontal systems regardless of air gap requirements. (See data sheet 103, 105 and 728).

FIREZERO



APPLICATION DETAIL

FIREZERO Series 1080 vertical fire stop should be fitted before the external rain screen but after the installation of the support framework. If insulation slabs are to be used they must be fitted after the product. The **FIREZERO Series 1080** must be fitted around all structural framework tightly; any joints or edges butting up to cuts or cut-outs around existing structures should also be sealed with **FIREZERO/IM/MASTIC** to ensure the continuation of the fire seal.

If a breather membrane is not applied to the rear of the rainscreen it is recommended that a DPC should be applied between the rear of the rainscreen and the **FIREZERO Series 1080** barrier. This can be factory fitted to include a 100mm lap to speed up fixing and ensure the DPC does not drop out over time (if required please state at time of pricing/ordering otherwise the DPC is not supplied).

ENVIRONMENT

Manufactured using new green **ECOSE™** Rock Mineral wool slab from Knauf Insulations helping reduce the carbon footprint. Knauf insulations new **ECOSE™** Technology Rock Slab.

This is the first organic binder Insulation product available in the UK. Rock slabs are free from CFCs, HCFCs and contain no other material elements with ozone depletion potential, thus they represent no known threat to the environment. Exceeding Breeam requirements and giving a classification of zero ODP and zero GWP. It is encapsulated in recycled plastic.

The product is intended to be used to help on eco projects where a low environmental impact is a key design consideration. The plastic sleeve is

TECHNICAL DATA

The mineral wool used to produce the core of this vertical fire barrier is non combustible to BS476 part 4 (1984). The correct use of the right vertical **FIREZERO Series 1080** will provide 30, 60, 90, or 120 minutes of protection this is defined by the width of the product and the depth of the mineral wool carrier on the cavity barrier as defined in the approved document of the building regulations. It is of paramount importance to remember that the product will not add to the claddings own rating or that of the timber frame structure. Tested to BS EN 1363-1-1999 indicative application test CHILT/IF/2007A

The reinforced aluminium foil facing is classed as Class 0 to BS 476 with a water vapour permeability of 0.05 to DIN EN ISO 12572

STANDARDS

MDL Insulations Ltd are accredited with ISO 14001 and ISO 9001 with a certificate no: 40007207 Our core mineral wool products are manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001:2000 and Product Standard EN 13162 and CE marked and certified where appropriate.



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A data sheet is given as a guide only, results shown are obtained under test conditions and results may vary dependent to site conditions. It is the buyers responsibility to confirm suitability for their application with their designers. No responsibility for unsuitability will be accepted by MDL INSULATIONS LTD.