



GUARDIAN INSULATION SOLUTIONS

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SERIES 70 - RAINSCREEN 25 BARRIER

GIS Horizontal Rainscreen 25 Barrier is designed to prevent the spread of fire and smoke in a vertical cavity behind a Rainscreen cladding. Available as 1 hour or 2 hour rated.

TECHNICAL DATA

GIS Horizontal Rainscreen 25 Barrier system is manufactured using a core of Knauf high Density ECOSE rock slab which has a fire classification of EUROCCASS AI tested to BS EN13501-1 combined with a graphite intumescent active fire facing and is tested to BS EN1366-4 and accredited for up to 2 hours.

APPLICATION DETAIL

GIS Horizontal Rainscreen 25 Barrier is fitted to the internal wall structure generally when the Rainscreen support framework is in place. 2 straps are required per 1200mm length or on any cut lengths approximately 100mm in from each end on voids over 360mm wide 3 straps per 120mm length are required. All joints must be tightly butted under pressure where product butts up to framework or structures it must be sealed with Guardian4Fire intumescent sealant to ensure the integrity of the fire barrier is not compromised. No plastic fixings or plugs may be used when fixing brackets.



ENVIRONMENT

Guardian Insulation Solutions Environmental policy is designed to reduce waste and reduce our carbon footprint. All products used are chosen for helping us, as a company, to achieve this goal. The KNAUF INSULATIONS ECOSE mineral wool slab meets these requirements. The ECOSE technology used is the first organic binder in the UK for mineral wool. The ECOSE slabs are free from CFCs, HCFCs and contain no other material elements which have ozone depletion potential. Thus they exceed the requirements of BREEAM entering a classification of ZERO ODP as well as ZERO GWP. Where low environmental impact is a key design consideration these products help achieve this goal.

