

# GDS Spandrel L Cavity Fire Stop

Date: 03/06/2021

Reference: 34

Issue: 1

GIS spandrel L cavity fire stops is designed to close the cavity and remove any gaps under the spandrel roof section thus maintaining fire and thermal breaks. Manufactured by combining fire sock and stopping strip into a single product for ease of fitting.



## TECHNICAL DATA

### FIRE

GIS spandrel L cavity fire stops are manufactured using Knauf ECOSE Rock Slab which has a fire classification of EUROCCASS A1 tested to BSEN13501-1 which is encapsulated in recycled plastic which will not add to the propagation of a fire. All GIS spandrel L cavity fire stops are tested in application to BSEN1366-4 as was BS476: Part 20 using current fire test methods. Tested for cavities up to 300mm wide both Vertical & Horizontal uses test report BMT/FE/IF/15078 if fitted between 2 substrates of equal or higher fire rating than spandrel L cavity fire stops .

### ACOUSTICS

GIS spandrel L cavity fire stops in the cavity party wall meet the generic requirements for the prevention of flanking noise transmission, along external and separating wall cavities. Meeting approved document E (2014) of the building regulations, for England, Wales & Ireland . (based on width range for application 100mm, 200mm and 300mm wide.

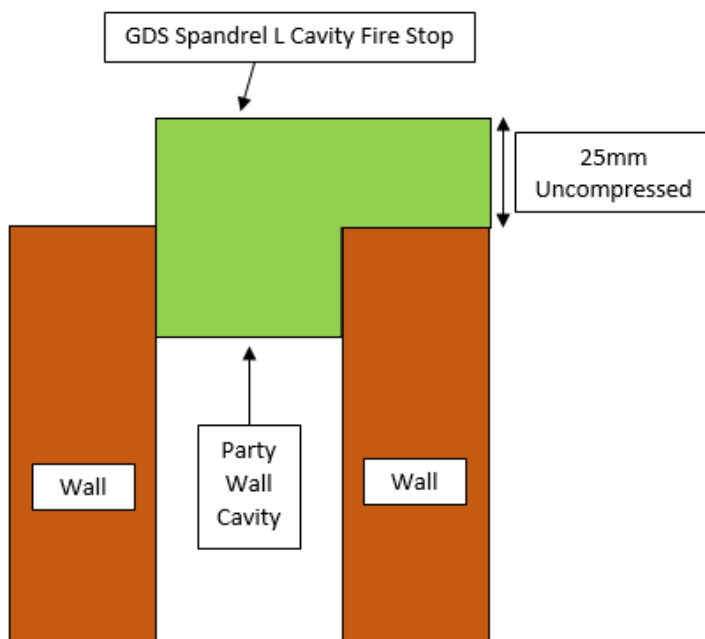
GIS spandrel L cavity fire stops in the cavity party wall have a thermal conductivity of 0.037W/mK and when fitted will provide an effective perimeter edge seal as stated in building regulations L1A and L2A as well as meeting section 6 of the Scottish building standards.

## 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.

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Reference	Cavity Fire Performance	Block Width (mm)	Party Wall Width	Lengths per Pack	Packs per Pallet
GDS/SPF/065/100/1HR	1 Hour	100	65	14	14
GDS/SPF/065/140/1HR	1 Hour	140	65	10	14
GDS/SPF/075/100/1HR	1 Hour	100	75	14	14
GDS/SPF/075/140/1HR	1 Hour	140	75	10	14
GDS/SPF/100/100/1HR	1 Hour	100	100	12	14
GDS/SPF/100/140/1HR	1 Hour	140	100	8	14
GDS/SPF/125/100/1HR	1 Hour	100	125	12	14
GDS/SPF/125/140/1HR	1 Hour	140	125	8	14
GDS/SPF/140/100/1HR	1 Hour	100	140	10	14
GDS/SPF/140/140/1HR	1 Hour	140	140	6	14
GDS/SPF/150/100/1HR	1 Hour	100	150	10	14
GDS/SPF/150/140/1HR	1 Hour	140	150	6	14
GDS/SPF/065/100/2HR	2 Hour	100	65	10	14
GDS/SPF/065/140/2HR	2 Hour	140	65	6	14
GDS/SPF/075/100/2HR	2 Hour	100	75	10	14
GDS/SPF/075/140/2HR	2 Hour	140	75	6	14
GDS/SPF/100/100/2HR	2 Hour	100	100	8	14
GDS/SPF/100/140/2HR	2 Hour	140	100	6	14
GDS/SPF/125/100/2HR	2 Hour	100	125	8	14
GDS/SPF/125/140/2HR	2 Hour	140	125	6	14
GDS/SPF/150/100/2HR	2 Hour	100	150	8	14
GDS/SPF/150/140/2HR	2 Hour	140	150	6	14
Other sizes are available to suit different cavity widths POA					

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