

## FIRE, SMOKE AND ACOUSTIC SEAL

Designed to prevent the spread of fire, smoke and transmission of sound within voids.

- Fire rated as EUROCLASS A1 under BSEN13501-1. It has been tested up to 4 hours integrity.
- Creates a high acoustic seal, reducing the transmission of sound from one side to the other in a wall or partition.
- Thermal conductivity of 0.035W/mK and does not create a cold bridge as required by building regulations.
- Can be used in horizontal and vertical applications.
- It can be supplied as a cut strip or as a trapezoid.
- Can be coated with GIS Brush Coating to improve fire and acoustic performance and prevent fibre migration..



# Technical Data



### FIRE

GIS Stopping Strip is manufactured from Knauf ECOSE rock slab, which is fire rated as EUROCLASS A1 under BSEN13501-1. This means that it is non-combustible and will not support combustion, even when exposed to high temperatures. It has been tested up to 4 hours integrity in accordance with application certificate number F15078 to BSEN1363-1 as appertaining to BS476 Part 20.



### ACOUSTIC

GIS Stopping Strip is designed to create an acoustic seal, effectively reducing sound transmission between walls or partitions to maintain maintain acoustic integrity of your overall walling system.

This versatile product can be easily cut into trapezoidal shapes to fill voids on metal decking or cladding sheets. It is also compatible with perforated decking profiles and can be tissue faced for added suitability.

For enhanced soundproofing, we recommend using GIS Brush Coating in conjunction with the Stopping Strip. This combination not only increases the decibel (dB) reduction but also ensures an airtight seal while preventing fiber migration. Brush coating product reference: GIS/BC/5LITRE.



### THERMAL

GIS Stopping Strip is manufactured from Knauf ECOSE slab, which has a thermal conductivity of 0.035W/mK. This means that it helps to prevent cold bridges, and it also help to improve the overall thermal performance of a building.

GIS Stopping Strip meets the requirements of building regulations in both England and Scotland. It is also L1A and L2A rated, which means that it is suitable for use in high-performance buildings.



### ENVIRONMENT

Our Environmental policy aims to reduce waste and minimise our carbon footprint, with a focus on product selection. KNAUF INSULATION mineral wool slab utilises ECOSE technology - the UK's first organic binder for mineral wool.

These slabs are CFC and HCFC-free, with no other ozone depletion potential elements, exceeding BREEAM requirements with a ZERO ODP and GWP classification. Using these products can help achieve environmentally conscious design considerations.



# STOPPING STRIP

Fire, smoke and acoustic seal for construction applications

## Technical Data



### APPLICATION

GIS Stopping Strip can be used in a variety of applications, such as:

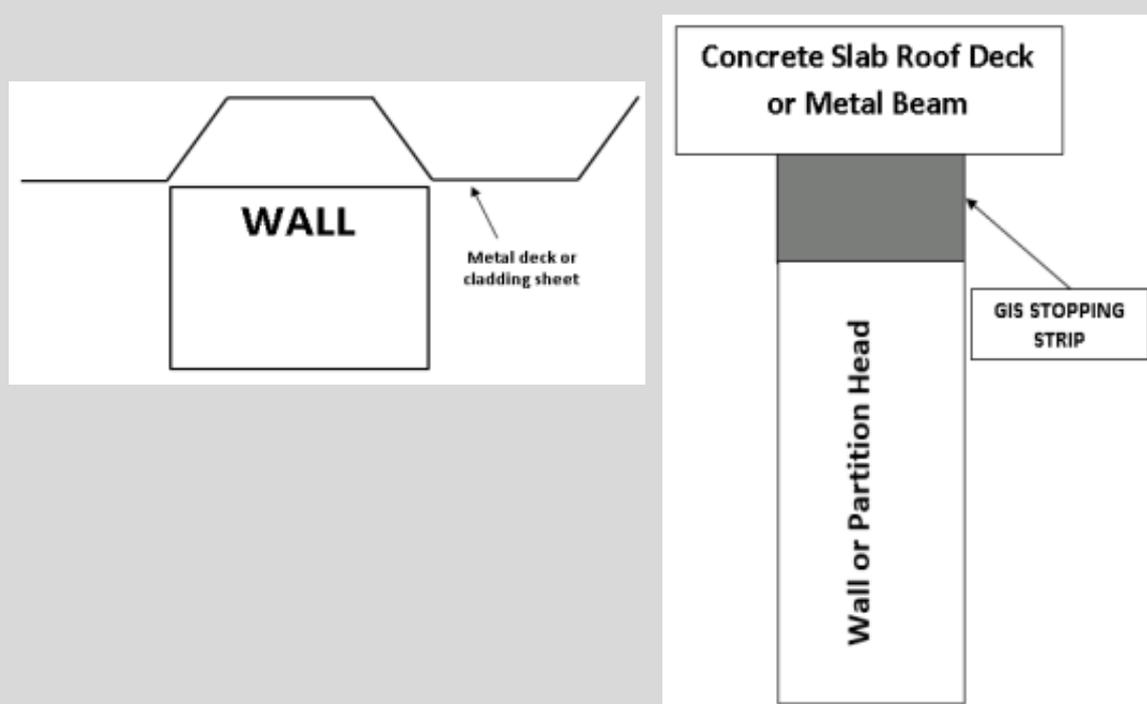
- Void filling: GIS Stopping Strip can be used to fill voids in walls, floors, and ceilings to create a fire barrier.
- Penetration sealing: GIS Stopping Strip can be used to seal penetrations in walls, floors, and ceilings to prevent the spread of fire.

GIS Stopping Strip is a reliable and effective fire-resistant product that can help to protect people and property in the event of a fire.



### FITTING & COMPLIANCE

GIS STOPPING STRIP when fitted correctly under compression meets the requirements of Robust Detail and achieves up to 4 hours fire integrity in a void up to 300mm wide/deep.





# STOPPING STRIP

## Product Information

SUIT CAVITY SIZE mm	Order Reference				
	75mm Wide	100mm Wide	140mm Wide	215mm Wide	300mm Wide
5-8	GIS/10/075/5-8	GIS/10/100/5-8	GIS/10/140/5-8	GIS/10/215/5-8	GIS/10/300/5-8
9-11	GIS/10/075/9-1	GIS/10/100/9-11	GIS/10/140/9-11	GIS/10/215/9-11	GIS/10/300/9-11
12-16	GIS/10/075/12-16	GIS/10/100/12-16	GIS/10/140/12-16	GIS/10/215/12-16	GIS/10/300/12-16
17-21	GIS/10/075/17-21	GIS/10/100/17-21	GIS/10/140/17-21	GIS/10/215/17-21	GIS/10/300/17-21
22-26	GIS/10/075/22-26	GIS/10/100/22-26	GIS/10/140/22-26	GIS/10/215/22-26	GIS/10/300/22-26
27-31	GIS/10/075/27-31	GIS/10/100/27-31	GIS/10/140/27-31	GIS/10/215/27-31	GIS/10/300/27-31
32-36	GIS/10/075/32-36	GIS/10/100/32-36	GIS/10/140/32-36	GIS/10/215/32-36	GIS/10/300/32-36
37-41	GIS/10/075/37-41	GIS/10/100/37-41	GIS/10/140/37-41	GIS/10/215/37-41	GIS/10/300/37-41
42-46	GIS/10/075/42-46	GIS/10/100/42-46	GIS/10/140/42-46	GIS/10/215/42-46	GIS/10/300/42-46
47-51	GIS/10/075/47-51	GIS/10/100/47-51	GIS/10/140/47-51	GIS/10/215/47-51	GIS/10/300/47-51
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72-76	GIS/10/075/72-76	GIS/10/100/72-76	GIS/10/140/72-76	GIS/10/215/72-76	GIS/10/300/72-76
77-81	GIS/10/075/77-81	GIS/10/100/77-81	GIS/10/140/77-81	GIS/10/215/77-81	GIS/10/300/77-81
82-86	GIS/10/075/82-86	GIS/10/100/82-86	GIS/10/140/82-86	GIS/10/215/82-86	GIS/10/300/82-86
87-91	GIS/10/075/87-91	GIS/10/100/87-91	GIS/10/140/87-91	GIS/10/215/87-91	GIS/10/300/87-91
92-96	GIS/10/075/92-96	GIS/10/100/92-96	GIS/10/140/92-96	GIS/10/215/92-96	GIS/10/300/92-96
97-105	GIS/10/075/97-105	GIS/10/100/97-105	GIS/10/140/97-105	GIS/10/215/97-105	GIS/10/300/97-105
106-115	GIS/10/075/106-115	GIS/10/100/106-115	GIS/10/140/106-115	GIS/10/215/106-115	GIS/10/300/106-115
116-125	GIS/10/075/116-125	GIS/10/100/116-125	GIS/10/140/116-125	GIS/10/215/116-125	GIS/10/300/116-125
126-135	GIS/10/075/126-135	GIS/10/100/126-135	GIS/10/140/126-135	GIS/10/215/126-135	GIS/10/300/126-135
136-145	GIS/10/075/136-145	GIS/10/100/136-145	GIS/10/140/136-145	GIS/10/215/136-145	GIS/10/300/136-145
146-155	GIS/10/075/146-155	GIS/10/100/146-155	GIS/10/140/146-155	GIS/10/215/146-155	GIS/10/300/146-155
156-165	GIS/10/075/156-165	GIS/10/100/156-165	GIS/10/140/156-165	GIS/10/215/156-165	GIS/10/300/156-165
166-175	GIS/10/075/166-175	GIS/10/100/166-175	GIS/10/140/166-175	GIS/10/215/166-175	GIS/10/300/166-175
176-185	GIS/10/075/176-185	GIS/10/100/176-185	GIS/10/140/176-185	GIS/10/215/176-185	GIS/10/300/176-185
186-195	GIS/10/075/186-195	GIS/10/100/186-195	GIS/10/140/186-195	GIS/10/215/186-195	GIS/10/300/186-195
196-205	GIS/10/075/196-205	GIS/10/100/196-205	GIS/10/140/196-205	GIS/10/215/196-205	GIS/10/300/196-205

Absorption co-efficients - S = Solid Backing						
RockSilk Universal Slabs - Made with ECOSE Technology						
Preliminary Results - testing to BS EN ISO 345 at SRL (5th, 6th February 2009)						
Thickness	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
1 Hour Rated 755	0.50	1.00	1.00	1.00	1.00	1.00
2 Hour rated 755	0.53	1.00	1.00	1.00	1.00	1.00
4 Hour Rated 505	0.32	0.91	1.00	1.00	1.00	1.00

The above table is used by an acoustician with application details to work out overall DB reductions.