

# CAVITY DUO SOCK

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Reference: 1

Issue: 3

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## Cavity Fire Barrier

- Prevents the spread of flames and smoke
- Reduces the passage of sound along the cavity

- Suitable for Masonry:Blockwork and Masonry:Timberframe
- Meets Robust Detail Part E & Approved Document B.
- Provides up to 4-hours integrity.
- 1200mm long.
- Can be used for cavity widths from 65mm to 450mm
- Manufactured from KNAUF ECOSE mineral wool.



## Technical Data



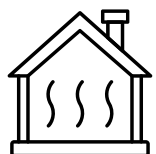
### FIRE

GIS Cavity Duo Socks are manufactured with Knauf ECOSE Rock Slab, encased in recycled plastic. Knauf ECOSE has a EUROCLASS A1 fire rating, tested to BSEN13501-1. We test our socks using the latest BSEN1366-4 methods, for cavities up to 300mm wide, as per the BMT/FE/IF/15078 report, fitting them between substrates with equal or higher fire ratings than Duosocks to meet Approved Document B requirements.



### ACOUSTIC

GIS Duo Cavity Socks are effective sound barriers that fulfill the generic requirements to prevent flanking noise transmission in external and separating wall cavities. They are in compliance with Approved Document E (2014) of the building regulations for England, Wales, and Ireland.



### THERMAL

The socks have a thermal conductivity of 0.037W/mK. When installed, they provide an efficient perimeter edge seal, meeting building regulations L1A and L2A, as well as section 6 of the Scottish building standards.



### COMPLIANCE

The fitting of GIS Duo Cavity Socks conforms to the requirements set out in Part E of the Robust Details scheme. Our socks meet E-WM 1-21 for masonry in separating and party walls, E-WT 1-4 for timber frame in separating and party walls, and E-FT 1-6 for separating floor applications. Our socks comply with E-FC 1-14 for concrete in separating floor applications.



### 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.

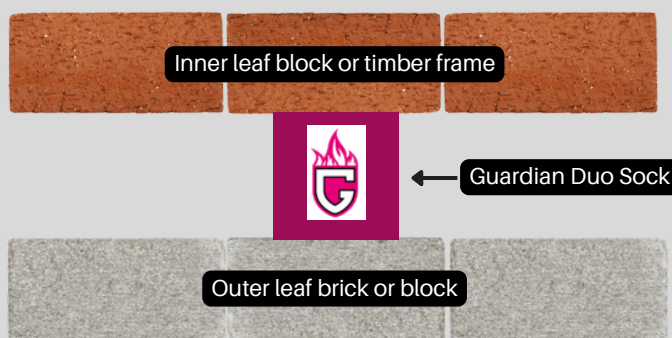
## Technical Data



### INSTALLATION

GIS 1200mm Duo Socks suit brick/block, brick/timberframe. Compression fit vertically and horizontally during construction, ensuring tight butt joints for fire and acoustic integrity.

Fill cavity from outer to inner leaf, trimming cavity insulation as needed. For brick/block, fit tightly butted joints. In timber frame, fix flanges with clout nails/staples at 150mm centers. Overlap and tightly butt joint horizontal and vertical barriers.



### HANDLING

GIS Duo Socks are packaged in outer polythene bags for transportation and easy handling. To maintain their quality, it is important to store them in a cool, dry place away from direct sunlight. Prolonged exposure to sunlight can cause the plastic to degrade.

For optimal storage, we recommend covering or storing the goods indoors if they will be standing for an extended period before use.

# CAVITY DUO SOCK

## Product & Packaging Information



SUIT CAVITY SIZE mm	GDS100 STANDARD FIRE 60/30mins				GDS200 200mm WIDE FIRE 120/90mins			
	ORDER REF	PACK QTY	COLOUR	PALLET QTY PK	ORDER REF	PACK QTY	COLOUR	PALLET QTY PK
21-39	GDS100/21-39	50	RED	15	GDS200/21-39	12	YELLOW	16
40-50	GDS100/40-50	40	RED	15	GDS200/40-50	12	PINK	16
51-65	GDS100/51-65	35	L BLUE	14	GDS200/51-65	10	D BLUE	14
66-75	GDS100/66-75	30	GREY	14	GDS200/66-75	10	CREAM	16
76-90	GDS100/76-90	24	GREEN	14	GDS200/76-90	9	RED	14
91-100	GDS100/91-100	20	ORANGE	14	GDS200/91-100	9	L BLUE	14
101-120	GDS100/101-120	20	PURPLE	12	GDS200/101-120	6	CREAM	16
121-130	GDS100/121-130	15	WHITE	15	GDS200/121-130	6	RED	16
131-140	GDS100/131-140	15	YELLOW	15	GDS200/131-140	6	L BLUE	14
141-150	GDS100/141-150	12	PINK	15	GDS200/141-150	6	GREY	14
151-165	GDS100/151-165	12	D BLUE	15	GDS200/151-165	4	RED	12
166-180	GDS100/166-180	6	CREAM	18	GDS200/166-180	4	L BLUE	15
181-200	GDS100/181-200	6	RED	16	GDS200/181-200	4	GREY	15
201-220	GDS100/201-220	4	L BLUE	16	GDS200/201-220	4	GREEN	14
221-240	GDS100/221-240	4	GREY	15	GDS200/221-240	4	ORANGE	12
241-260	GDS100/241-260	4	GREEN	15	GDS200/241-260	4	GREY	12
261-280	GDS100/261-280	4	ORANGE	14	GDS200/261-280	4	GREEN	11
281-300	GDS100/281-300	4	PURPLE	14	GDS200/281-300	3	ORANGE	14

SUIT CAVITY SIZE mm	GDS250 250mm WIDE FIRE 180/120mins				GDS300 300mm WIDE FIRE 240/240mins			
	ORDER REF	PACK QTY	COLOUR	PALLET QTY PK	ORDER REF	PACK QTY	COLOUR	PALLET QTY PK
21-39	GDS250/21-39	12	D BLUE	14	GDS300/21-39	10	WHITE	14
40-50	GDS250/40-50	10	CREAM	14	GDS300/40-50	10	CREAM	14
51-65	GDS250/51-65	8	GREEN	14	GDS300/51-65	8	L BLUE	14
66-75	GDS250/66-75	8	RED	14	GDS300/66-75	8	GREY	14
76-90	GDS250/76-90	6	CREAM	15	GDS300/76-90	6	RED	14
91-100	GDS250/91-100	6	RED	15	GDS300/91-100	6	L BLUE	14
101-120	GDS250/101-120	6	CREAM	15	GDS300/101-120	4	RED	15
121-130	GDS250/121-130	4	RED	15	GDS300/121-130	4	GREEN	15
131-140	GDS250/131-140	4	CREAM	15	GDS300/131-140	4	ORANGE	15
141-150	GDS250/141-150	4	L BLUE	15	GDS300/141-150	4	GREEN	14
151-165	GDS250/151-165	4	RED	14	GDS300/151-165	4	GREY	14
166-180	GDS250/166-180	4	L BLUE	14	GDS300/166-180	4	GREEN	15
181-200	GDS250/181-200	4	GREY	14	GDS300/181-200	4	ORANGE	15
201-220	GDS250/201-220	4	GREEN	14	GDS300/201-220	4	PURPLE	16
221-240	GDS250/221-240	3	ORANGE	14	GDS300/221-240	4	ORANGE	16
241-260	GDS250/241-260	2	GREEN	14	GDS300/241-260	4	PURPLE	16
261-280	GDS250/261-280	2	ORANGE	14	GDS300/261-280	4	WHITE	16
281-300	GDS250/281-300	2	L BLUE	14	GDS300/281-300	4	PURPLE	16

Disclaimer: The information in this document is for guidance only. Seek expert advice before specifying or installing any product. Ensure fire barriers are tested for the intended application. Guardian Insulation Solutions is not liable for failures due to non-standard usage, gaps caused by deflection or distortion, or improper installation.