



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
- Compliant with current fire and building regulations
- Rigorously tested and accredited for reliability
- Provides up to 2 hours of fire integrity
- 1200mm, manufactured using Knauf ECOSE Mineral Wool Encapsulated in recycled plastics on a DPC backing.



Technical Data



FIRE

GIS Party Wall DPC is a high-performance, fire-resistant cavity closer that is manufactured using Knauf ECOSE Rock Slab, which has a fire classification of EUROCCASS A1. The slab is encapsulated in recycled plastic, which does not add to the propagation of a fire. The DPC backing is made to BS6515:84. All GIS Party Wall DPC is tested in application to BSEN1366-4 as was BS476: Part 20 using current fire test methods.



ACOUSTIC

GIS Party Wall DPC is an effective sound barrier that meets the generic requirements for the prevention of flanking noise transmission, along external walls and party wall cavities. It helps to meet Approved Document E of the Building Regulations, which sets out the minimum standards for sound insulation in new dwellings.



THERMAL

The socks have a thermal conductivity of 0.035W/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 / 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



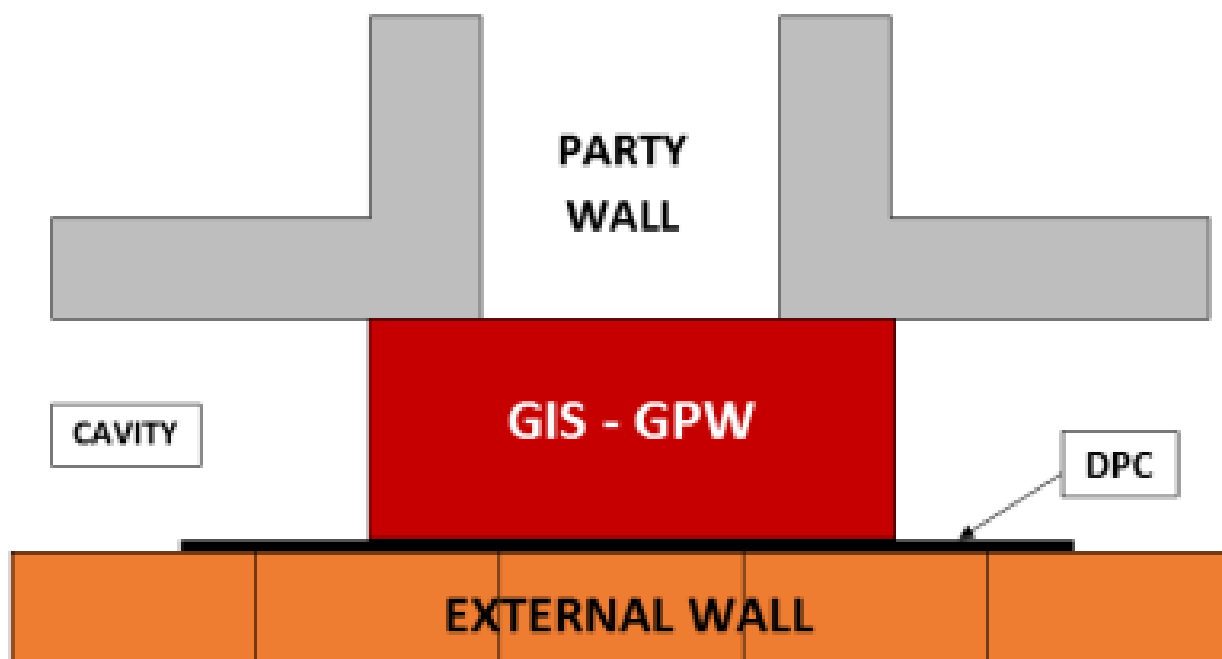
INSTALLATION

GIS 1200mm long Party Wall DPC can be used in both brick/block and brick/timber frame party wall applications.

To install, compress the DPC vertically at the party wall junction during construction. Make sure all butt joints are tightly fitted to maintain the fire and acoustic integrity of the product. A minimum of 50mm overlap with the party wall leaf on either side of the party wall cavity must be maintained to meet current fire and acoustic requirements.

It is critical that the DPC fills the cavity from the rear of the outer leaf to the face of the inner leaf. Any cavity insulation must be cut back at either side of the party wall in the outer cavity to allow this fitting method.

When fitting vertically, the 100mm end lap must be fitted at the bottom. As the build progresses, the lap forms a continual barrier preventing the ingress of moisture.



Technical Data



HANDLING

The product is packaged in outer polythene bags for transportation and easy handling. To maintain its quality, it is important not to store the product in direct sunlight as prolonged exposure 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.

PARTY WALL DPC

Product & Packaging Information



SUIT CAVITY SIZE mm	GPW STANDARD RANGE ON 337mm DPC				GPW 250mm WIDE RANGE ON 337mm DPC			
	ORDER REF	PACK QTY	TOTAL mm THICKNESS	PACKS PER PALLET	ORDER REF	PACK QTY	TOTAL mm THICKNESS	PACKS PER PALLET
40-50	GPW/40-50	8	60	16	GPW250/40-50	8	60	15
51-65	GPW/51-65	8	70	16	GPW250/51-65	8	70	15
66-75	GPW/66-75	8	80	15	GPW250/66-75	6	80	16
76-90	GPW/76-90	6	100	18	GPW250/76-90	6	100	16
91-100	GPW/91-100	6	110	18	GPW250/91-100	6	110	15
101-110	GPW/101-110	6	120	15	GPW250/101-110	6	120	15
111-120	GPW/111-120	4	130	20	GPW250/111-120	4	130	15
121-130	GPW/121-130	4	140	20	GPW250/121-130	4	140	16
131-140	GPW/131-140	4	150	17	GPW250/131-140	4	150	16
141-150	GPW/141-150	4	160	16	GPW250/141-150	4	160	15
151-165	GPW/151-165	4	175	14	GPW250/151-165	3	175	16
166-180	GPW/166-180	4	190	14	GPW250/166-180	3	190	16
181-200	GPW/181-200	3	210	14	GPW250/181-200	3	210	14
201-220	GPW/201-220	3	230	12	GPW250/201-220	2	230	18
221-240	GPW/221-240	2	250	18	GPW250/221-240	2	250	18
241-260	GPW/241-260	2	275	18	GPW250/241-260	2	275	16
261-280	GPW/261-280	2	300	15	GPW250/261-280	2	300	16
281-300	GPW/281-300	2	320	15	GPW250/281-300	2	320	16

SUIT CAVITY SIZE mm	GPW 300mm WIDE RANGE ON 450mm DPC				GPW 450mm WIDE RANGE ON 600mm DPC			
	ORDER REF	PACK QTY	TOTAL mm THICKNESS	PACKS PER PALLET	ORDER REF	PACK QTY	TOTAL mm THICKNESS	PACKS PER PALLET
41-50	GPW300/40-50	8	60	15	GPW450/40-50	5	60	16
51-60	GPW300/51-65	8	70	15	GPW450/51-65	4	70	16
61-65	GPW300/66-75	6	80	15	GPW450/66-75	5	80	14
66-75	GPW300/76-90	6	100	15	GPW450/76-90	4	100	14
76-80	GPW300/91-100	6	110	14	GPW450/91-100	3	110	16
81-85	GPW300/101-110	6	120	14	GPW450/101-110	4	120	14
86-90	GPW300/111-120	4	130	15	GPW450/111-120	3	130	14
91-95	GPW300/121-130	4	140	15	GPW450/121-130	3	140	14
96-100	GPW300/131-140	4	150	15	GPW450/131-140	3	150	12
101-110	GPW300/141-150	4	160	15	GPW450/141-150	3	160	12
111-115	GPW300/151-165	3	175	15	GPW450/151-165	2	175	15
116-120	GPW300/166-180	3	190	15	GPW450/166-180	2	190	15
121-125	GPW300/181-200	3	210	12	GPW450/181-200	2	210	13
126-130	GPW300/201-220	2	230	18	GPW450/201-220	2	230	12
131-135	GPW300/221-240	2	250	15	GPW450/221-240	2	250	12
136-140	GPW300/241-260	2	275	15	GPW450/241-260	2	275	10
141-145	GPW300/261-280	2	300	14	GPW450/261-280	2	300	10
146-150	GPW300/281-300	2	320	14	GPW450/281-300	2	320	9

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.