BS Components Ltd

GIS Party Wall DPC is designed for vertical application to suit both Masonry/Blockwork and Masonry/
Timberframe construction applications. GIS Party Wall
DPC is designed to prevent the spread of flames and
smoke as well as reducing the spread of sound along the
cavity at the party wall junction. GIS Party Wall DPC is
designed to meet current fire and building regulations
and are rigorously tested to current accreditation and
provides up to 4 hours fire integrity.

GIS Party Wall DPC is 1200mm long and is manufactured from Knauf ECOSE Mineral Wool and is encapsulated in recycled plastics on a DPC backing.

8 Pomeroy Drive **Tel: 0116 288 4252**

Oadby Industrial Estate Fax: 01162 713 707

Oadby Email: sales@bsfireproducts.com

Leicester Web: bsfireproducts.com

LE2 5NE



GIS SOCK TECHNICAL DATA

FIRE

GIS Party Wall DPC is 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 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.

ACOUSTICS

GIS Party Wall DPC meets the generic requirements for the prevention of flanking noise transmission, along external walls and party wall cavities. Meeting approved document E of the building regulations.

THERMAL

GIS Party Wall DPC have a thermal conductivity of 0.035W/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.

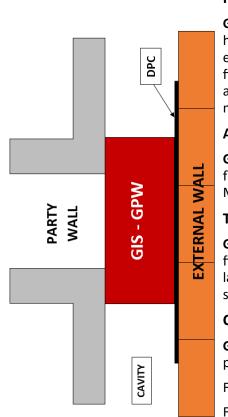
COMPLIANCE

GIS Party Wall DPC when correctly fitted meet the requirements laid out in part E of robust detail.

For masonry in a separating wall/party wall, E-WM 1-21 is met.

For Timber Frame in a separating wall/party wall E-WT 1-4 is met and in a separating floor application E-FT 1-6 is met.

For concrete in separating floor applications E-FC 1-14 is met.



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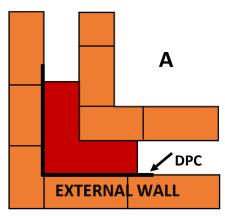
LE2 5NE

ENVIRONMENT

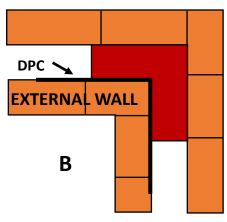
Guardian Insulation Solutions Environmental policy is designed to reduce waste and reduce our carbon footprint. All products used are chosen for helping us, as a company, to achieve this goal. The KNAUF INSULATIONS ECOSE mineral wool slab meets these requirements. The ECOSE technology used is the first 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



EXTERNAL CORNER APPLICATION



INTERNAL CORNER APPLICATION



GIS PARTY WALL DPC INSTALLATION

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

When installing **GIS** Party Wall DPC they are designed to be compression fitted at the party wall junction vertically during construction. When fitting extra care must be taken to ensure all butt joints are tightly fitted this is 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 **GIS** Party Wall 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, then as the build progresses the lap forms a continual barrier preventing the ingress of moisture.

GIS PARTY WALL DPC HANDLING

GIS Party Wall DPC are packaged in outer polythene bags for transport and ease of handling. The product must be not be stored in direct sunlight as this may cause the plastic to degrade. It is recommended that the goods are covered or stored indoors if standing for a period of time prior to use. Local delamination from the DPC may occur during handling this does not affect the performance of the product when fitted as it is under compression. Internal and external corners are two piece sets, price on application see drawings A & B.

SUIT	GPW STANDARD RANGE ON 337mm DPC				GPW 250mm WIDE RANGE ON 337mm DPC			
SIZE mm	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	GPW 300mm WIDE RANGE ON 4			GPW 450mm WIDE RANGE ON 600mm DPC				
	GPW 300mm	WIDE	RANGE ON 4	50mm DPC	GPW 450mm \	WIDE RA	NGE ON 6001	mm DPC
CAVITY SIZE	ORDER REF		CK TOTAL		GPW 450mm \ ORDER REF	PACK	NGE ON 600i TOTAL mm	nm DPC PACKS PER
CAVITY		PA		mm PACKS ESS PER				1
CAVITY SIZE mm	ORDER REF	PA Q	CK TOTAL I	mm PACKS ESS PER PALLET	ORDER REF	PACK QTY	TOTAL mm THICKNESS	PACKS PER PALLET
CAVITY SIZE mm	ORDER REF GPW300/40-50	PA Q	TOTAL THICKN	PACKS PER PALLET 15	ORDER REF GPW450/40-50	PACK QTY	TOTAL mm THICKNESS	PACKS PER PALLET
CAVITY SIZE mm 41-50 51-60	ORDER REF GPW300/40-50 GPW300/51-65	PA Q	TOTAL INTERIOR THICKN THICKN THICKN THICKN THICKN	PACKS PER PALLET 15 15	ORDER REF GPW450/40-50 GPW450/51-65	PACK QTY 5 4	TOTAL mm THICKNESS 60 70	PACKS PER PALLET 16 16
CAVITY SIZE mm 41-50 51-60 61-65	ORDER REF GPW300/40-50 GPW300/51-65 GPW300/66-75	PA Q	TOTAL 1 THICKN 3 60 3 70 5 80	PACKS PER PALLET 15 15 15	ORDER REF GPW450/40-50 GPW450/51-65 GPW450/66-75	PACK QTY 5 4 5	TOTAL mm THICKNESS 60 70 80	PACKS PER PALLET 16 16 14
CAVITY SIZE mm 41-50 51-60 61-65 66-75	ORDER REF GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90	PA Q	TOTAL 1 THICKN 3 60 3 70 5 80 5 100	PACKS PER PALLET 15 15 15 15	ORDER REF GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90	PACK QTY 5 4 5 4	60 70 80 100	PACKS PER PALLET 16 16 14 14
41-50 51-60 61-65 66-75 76-80	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100	PA Q:	TOTAL 1 THICKN 3 60 3 70 5 80 6 100 6 110	PACKS PER PALLET 15 15 15 15 14	ORDER REF GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100	PACK QTY 5 4 5 4 3	TOTAL mm THICKNESS 60 70 80 100 110	PACKS PER PALLET 16 16 14 14 14
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11	PA Q	TOTAL 1 THICKN 3 60 3 70 5 80 5 100 6 110 6 120	PACKS PER PALLET 15 15 15 15 14 14	ORDER REF GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110	PACK QTY 5 4 5 4 3 4	TOTAL mm THICKNESS 60 70 80 100 110 120	16 16 14 14 16 14
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/111-12	PA Q:	CK TOTAL I THICKN 3 60 3 70 5 80 5 100 6 110 6 120 4 130	PACKS PER PALLET 15 15 15 15 14 14 15	ORDER REF GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/111-120	PACK QTY 5 4 5 4 3 4 3	TOTAL mm THICKNESS 60 70 80 100 110 120 130	PACKS PER PALLET 16 16 14 14 16 14 16 14
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/111-12	PA Q:	CK TOTAL I THICKN 3 60 3 70 5 80 6 100 6 110 6 120 4 130 4 140	PACKS PER PALLET 15 15 15 15 14 14 14 15 15	ORDER REF GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/111-120 GPW450/121-130	5 4 5 4 3 4 3	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140	16 16 14 14 16 14 14 16 14
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/111-12 GPW300/121-13 GPW300/131-14	PA Q	CK TOTAL I THICKN 3 60 3 70 6 80 6 100 6 110 6 120 4 130 4 140 4 150	mm PACKS PER PALLET 15 15 15 15 14 14 14 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/111-120 GPW450/121-130 GPW450/131-140	PACK QTY 5 4 5 4 3 4 3 3 3	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150	PACKS PER PALLET 16 16 14 14 16 14 14 14 14 12
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/111-12 GPW300/121-13 GPW300/131-14 GPW300/141-15	PA Q	TOTAL I THICKN THICKN	mm PACKS PER PALLET 15 15 15 15 14 14 15 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/111-120 GPW450/131-140 GPW450/141-150	PACK QTY 5 4 5 4 3 4 3 3 3 3	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160	16 16 14 14 16 14 14 14 12 12
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/111-12 GPW300/121-13 GPW300/131-14 GPW300/141-15 GPW300/151-16	PA Q	TOTAL 1 THICKN 3 60 3 70 5 80 6 100 6 110 6 120 4 130 4 140 4 150 4 160 3 175	mm PACKS PER PALLET 15 15 15 15 14 14 14 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/111-120 GPW450/131-140 GPW450/141-150 GPW450/151-165	PACK QTY 5 4 5 4 3 4 3 3 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175	PACKS PER PALLET 16 16 14 14 16 14 14 14 12 12 15
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115 116-120	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/101-11 GPW300/111-12 GPW300/121-13 GPW300/131-14 GPW300/141-15 GPW300/151-16 GPW300/166-18	PA Q'	TOTAL INTERMEDIAL	mm PACKS PER PALLET 15 15 15 14 14 15 15 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/121-130 GPW450/131-140 GPW450/131-140 GPW450/151-165 GPW450/166-180	PACK QTY 5 4 5 4 3 4 3 3 2 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175 190	PACKS PER PALLET 16 16 14 14 14 16 14 14 12 12 15 15
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115 116-120 121-125	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/121-13 GPW300/131-14 GPW300/131-14 GPW300/151-16 GPW300/166-18 GPW300/181-20	PAQ (1) (2) (4) (4) (5) (4) (5) (5) (5) (6) (7) (7) (8) (9) (9) (9) (9) (9) (9) (9	TOTAL INTY THICKN THI	mm PACKS PER PALLET 15 15 15 15 14 14 15 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/121-130 GPW450/131-140 GPW450/141-150 GPW450/151-165 GPW450/166-180 GPW450/181-200	PACK QTY 5 4 5 4 3 4 3 3 2 2 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175 190 210	PACKS PER PALLET 16 16 14 14 14 16 14 14 12 12 15 15 13
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115 116-120 121-125 126-130	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/121-13 GPW300/131-14 GPW300/131-14 GPW300/151-16 GPW300/166-18 GPW300/181-20 GPW300/201-22	PAQ S S S S S S S S S S S S S	TOTAL INTY THICKN THI	mm PACKS PER PALLET 15 15 15 15 14 14 14 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/121-130 GPW450/131-140 GPW450/141-150 GPW450/151-165 GPW450/166-180 GPW450/181-200 GPW450/201-220	PACK QTY 5 4 5 4 3 4 3 3 2 2 2 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175 190 210 230	PACKS PER PALLET 16 16 14 14 14 16 14 14 12 12 15 15 15 13
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115 116-120 121-125 126-130 131-135	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/121-13 GPW300/121-13 GPW300/131-14 GPW300/151-16 GPW300/151-16 GPW300/151-20 GPW300/221-24	PAQ (1) (2) (3) (4) (4) (5) (5) (5) (5) (6) (7) (7) (8) (9) (9) (9) (1) (1) (1) (1) (1	TOTAL INTERNATION THICKN THIC	mm PACKS PER PALLET 15 15 15 15 14 14 14 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/121-130 GPW450/131-140 GPW450/151-165 GPW450/151-165 GPW450/181-200 GPW450/201-220 GPW450/221-240	PACK QTY 5 4 5 4 3 4 3 3 2 2 2 2 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175 190 210 230 250	PACKS PER PALLET 16 16 14 14 14 16 14 14 12 12 15 15 15 13 12 12
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115 116-120 121-125 126-130 131-135 136-140	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/121-13 GPW300/131-14 GPW300/141-15 GPW300/151-16 GPW300/166-18 GPW300/166-18 GPW300/201-22 GPW300/221-24 GPW300/241-26	PAQ Q	TOTAL I THICKN THICKN	mm PACKS PER PALLET 15 15 15 15 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/121-130 GPW450/131-140 GPW450/151-165 GPW450/166-180 GPW450/181-200 GPW450/201-220 GPW450/221-240 GPW450/241-260	PACK QTY 5 4 5 4 3 4 3 3 2 2 2 2 2 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175 190 210 230 250 275	PACKS PER PALLET 16 16 14 14 14 16 14 14 12 12 15 15 15 13 12 12 10
CAVITY SIZE mm 41-50 51-60 61-65 66-75 76-80 81-85 86-90 91-95 96-100 101-110 111-115 116-120 121-125 126-130 131-135	GPW300/40-50 GPW300/51-65 GPW300/66-75 GPW300/76-90 GPW300/91-100 GPW300/101-11 GPW300/121-13 GPW300/121-13 GPW300/131-14 GPW300/151-16 GPW300/151-16 GPW300/151-20 GPW300/221-24	PAQ S S S S S S S S S S S S S	TOTAL INTERNATION THICKN THIC	PACKS PER PALLET 15 15 15 15 14 14 15 15 15 15	GPW450/40-50 GPW450/51-65 GPW450/66-75 GPW450/76-90 GPW450/91-100 GPW450/101-110 GPW450/121-130 GPW450/131-140 GPW450/151-165 GPW450/151-165 GPW450/181-200 GPW450/201-220 GPW450/221-240	PACK QTY 5 4 5 4 3 4 3 3 2 2 2 2 2	TOTAL mm THICKNESS 60 70 80 100 110 120 130 140 150 160 175 190 210 230 250	PACKS PER PALLET 16 16 14 14 14 16 14 14 12 12 15 15 15 13 12 12