

# Series 25 - Bridge Reveal Closer DPC

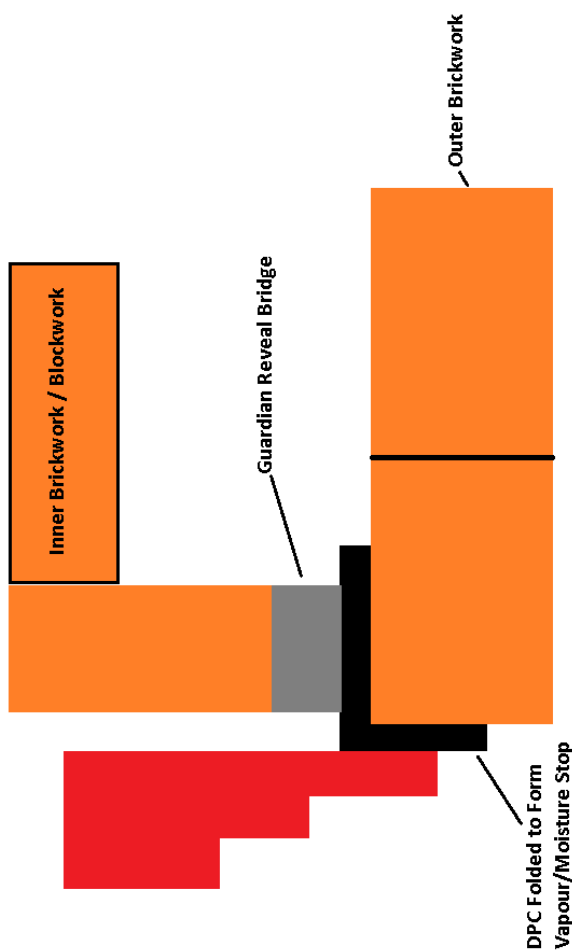
Date: 19/01/2021

Reference: 7

Issue: 2



**GIS** Bridge Reveal DPC is designed for vertical application to suit both Masonry/Blockwork and Masonry/reveal return applications. **GIS** Bridge Reveal DPC is designed to prevent the spread of flames and smoke as well as reducing the spread of sound along the length of a cavity wall. **GIS** Bridge Reveal 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** Bridge Reveal DPC is 1200mm long and is manufactured from Knauf ECOSE Mineral Wool and is encapsulated in recycled plastics on a standard DPC backing. HYLOAD OR other DPC available POA



## GIS BRIDGE REVEAL DPC TECHNICAL DATA

### FIRE

**GIS** Bridge Reveal DPC is manufactured using Knauf ECOSE Rock Slab which has a fire classification of EURO-CASS 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** Bridge Reveal DPC is tested in application to BSEN1366-4 as was BS476: Part 20 using current fire test methods.

### ACOUSTICS

**GIS** Bridge Reveal DPC meets the generic requirements for the prevention of flanking noise transmission, along external walls. Meeting approved document E of the building regulations.

### THERMAL

**GIS** Bridge Reveal DPC has 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** Bridge Reveal DPC when correctly fitted meet the requirements laid out in part E of robust detail.

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## 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.



## GIS BRIDGE REVEAL DPC INSTALLATION

**GIS** 1200mm long Bridge Reveal DPC can be used in both brick/block and brick/brick frame reveal return wall applications.

When installing **GIS** Bridge Reveal DPC they are designed to be compression fitted in the cavity wall 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 5mm compression must be maintained to meet current fire regulations.

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 BRIDGE REVEAL DPC HANDLING

**GIS** Bridge Reveal DPC are packaged in outer polythene bags for transport and ease of handling. The product must 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.

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<u>PRODUCT REF</u>	<u>INSULATION WIDTH</u>	<u>DPC WIDTH</u>	<u>THICKNESS (mm)</u>	<u>TO SUIT CAVITY SIZE</u>	<u>LENGTHS PER PACK</u>	<u>PACKS PER PALLET</u>
GCB/100/5-10/168	100mm	168mm	15	5-10	36	20
GCB/100/11-15/168	100mm	168mm	20	11-15	36	20
GCB/100/16-20/168	100mm	168mm	25	16-20	25	18
GCB/100/21-25/168	100mm	168mm	30	21-25	25	18
GCB/100/26-30/168	100mm	168mm	35	26-30	24	16
GCB/100/31-35/168	100mm	168mm	40	31-35	25	16
GCB/100/36-40/168	100mm	168mm	45	36-40	24	15
GCB/100/41-45/168	100mm	168mm	50	41-45	24	15
GCB/100/46-50/168	100mm	168mm	55	56-50	24	15
GCB/100/51-55/168	100mm	168mm	60	51-55	22	15
GCB/100/56-60/168	100mm	168mm	65	56-60	20	15
GCB/100/61-65/168	100mm	168mm	70	61-65	18	15
GCB/100/66-70/168	100mm	168mm	75	66-70	16	15
GCB/100/71-75/168	100mm	168mm	85	71-75	15	15
GCB/100/5-10/225	100mm	225mm	15	5-10	30	18
GCB/100/11-15/225	100mm	225mm	20	11-15	28	18
GCB/100/16-20/225	100mm	225mm	25	16-20	18	18
GCB/100/21-25/225	100mm	225mm	30	21-25	18	18
GCB/100/26-30/225	100mm	225mm	35	26-30	16	16
GCB/100/31-35/225	100mm	225mm	40	31-35	16	16
GCB/100/36-40/225	100mm	225mm	45	36-40	16	14
GCB/100/41-45/225	100mm	225mm	50	41-45	16	14
GCB/100/46-50/225	100mm	225mm	55	56-50	16	14
GCB/100/51-55/225	100mm	225mm	60	51-55	14	14
GCB/100/56-60/225	100mm	225mm	65	56-60	14	14
GCB/100/61-65/225	100mm	225mm	70	61-65	14	14
GCB/100/66-70/225	100mm	225mm	75	66-70	12	14
GCB/100/71-75/225	100mm	225mm	85	71-75	12	14
<b>Other sizes and DPC widths can be manufactured to suit clients needs or on HYLOAD ; POA</b>						

<b>PRODUCT REF</b>	<b>INSULATION WIDTH</b>	<b>DPC WIDTH</b>	<b>THICKNESS (mm)</b>	<b>TO SUIT CAVITY SIZE</b>	<b>LENGTHS PER PACK</b>	<b>PACKS PER PALLET</b>
GCB/140/5-10/225	140mm	225mm	15	5-10	30	18
GCB/140/11-15/225	140mm	225mm	20	11-15	28	18
GCB/140/16-20/225	140mm	225mm	25	16-20	18	18
GCB/140/21-25/225	140mm	225mm	30	21-25	18	18
GCB/140/26-30/225	140mm	225mm	35	26-30	16	16
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GCB/140/61-65/225	140mm	225mm	70	61-65	14	14
GCB/140/66-70/225	140mm	225mm	75	66-70	12	14
GCB/140/71-75/225	140mm	225mm	85	71-75	12	14
GCB/200/5-10/337	200mm	337.5mm	15	5-10	18	18
GCB/200/11-15/337	200mm	337.5mm	20	11-15	18	18
GCB/200/16-20/337	200mm	337.5mm	25	16-20	14	18
GCB/200/21-25/337	200mm	337.5mm	30	21-25	14	18
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GCB/200/51-55/337	200mm	337.5mm	60	51-55	10	15
GCB/200/56-60/337	200mm	337.5mm	65	56-60	10	15
GCB/200/61-65/337	200mm	337.5mm	70	61-65	10	15
GCB/200/66-70/337	200mm	337.5mm	75	66-70	8	15
GCB/200/71-75/337	200mm	337.5mm	85	71-75	8	15
<b>Other sizes and DPC widths can be manufactured to suit clients needs or on HYLOAD ; POA</b>						