

Series 21 - GCW Cavity DPC

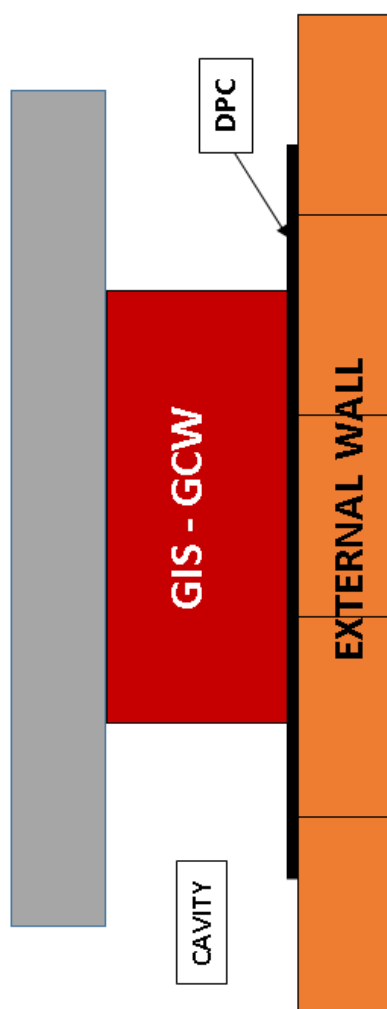
Date: 19/01/2021

Reference: 5

Issue: 1

GIS Cavity DPC is designed for vertical application to suit both Masonry/Blockwork and Masonry/Timber frame construction applications. **GIS** Cavity 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** Cavity 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 Cavity DPC is 1200mm long and is manufactured from Knauf ECOSE Mineral Wool and is encapsulated in recycled plastics on a DPC backing.



TECHNICAL DATA

FIRE

GIS Cavity 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** Cavity DPC is tested in application to BSEN1366-4 as was BS476: Part 20 using current fire test methods.

ACOUSTICS

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

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

For Timber Frame in a separating 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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PRODUCT REF	INSULATION WIDTH	DPC WIDTH	TO SUIT CAVITY SIZE
GCW/100/15-24	100mm	168mm	15-24
GCW/100/25-39	100mm	168mm	25-39
GCW/100/40-50	100mm	168mm	40-50
GCW/100/51-65	100mm	168mm	51-65
GCW/100/66-75	100mm	168mm	66-75
GCW/100/76-90	100mm	168mm	76-90
GCW/100/91-100	100mm	168mm	91-100
GCW/100/101-120	100mm	168mm	101-120
GCW/100/121-130	100mm	168mm	121-130
GCW/100/131-140	100mm	168mm	131-140
GCW/150/25-39	150mm	225mm	25-39
GCW/150/40-50	150mm	225mm	40-50
GCW/150/51-65	150mm	225mm	51-65
GCW/150/66-75	150mm	225mm	66-75
GCW/150/76-90	150mm	225mm	76-90
GCW/150/91-100	150mm	225mm	91-100
GCW/150/101-120	150mm	225mm	101-120
GCW/150/121-130	150mm	225mm	121-130
GCW/150/131-140	150mm	225mm	131-140
GCW/150/141-150	150mm	225mm	141-150
GCW/150/151-165	150mm	225mm	151-165
GCW/200/76-90	200mm	337.5mm	76-90
GCW/200/91-100	200mm	337.5mm	91-100
GCW/200/101-120	200mm	337.5mm	101-120
GCW/200/121-130	200mm	337.5mm	121-130
GCW/200/131-140	200mm	337.5mm	131-140
GCW/200/141-150	200mm	337.5mm	141-150
GCW/200/151-165	200mm	337.5mm	151-165
GCW/200/166-185	200mm	337.5mm	166-185
GCW/200/186-205	200mm	337.5mm	186-205
GCW/200/206-225	200mm	337.5mm	206-225
GCW/200/226-250	200mm	337.5mm	226-250
GCW/200/251-265	200mm	337.5mm	251-265
GCW/200/266-280	200mm	337.5mm	266-280
GCW/200/281-300	200mm	337.5mm	281-300

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