

GP[®]1 GAS RESISTANT DPM

Juta GP[®] 1 - Proprietary Gas Resistant Damp Proof Membrane (DPM) is a multi-layer, low density polyethylene membrane, reinforced with a polypropylene reinforcing grid with an integral aluminium foil for protection against Methane, Carbon Dioxide, Radon, Ground Gas, air & moisture.

Features and benefits:

- High quality reinforced membrane.
- Low permeability to hydrocarbon and VOC vapours, carbon dioxide, methane and radon.
- Complies with latest codes of practice as published by the BRE and CIRIA, and BS 8485.

Can be used on any site where carbon dioxide, methane or radon is present up to and including CIRIA 665 SITUATION 6. The barrier is sufficiently resistant to the ingress of harmful gases into a building. On more heavily contaminated sites a passive or active venting system may be required to dilute the gases down to acceptable levels and specific design advice should be sought.

Physical Properties	
Thickness	0.6mm
Width	2m
Length	50m
Weight	370G/m ²

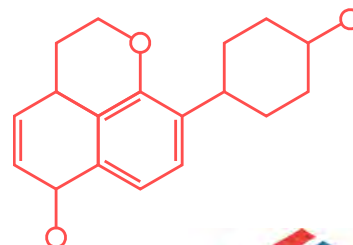
Gas Permeability	
Methane	<0.09
Carbon Dioxide	0.09
Radon	8.0 X 10 ⁻¹⁵

Compliance and Certification	
CE Mark - EN13967: 2012	
NHBC Standards Compliant	
B58485:2015 + A1 2019 Accordant	
BBA Certified - Certificate No. 20/ 5728 P1	

Specification Clauses	
Uniclass 2015	Pr 25_57_65_60 Plastics sheets
CAWS	J40/145 Loose laid weldable polyethylene gas retardant damp proofing
	J40/140 Loose laid plastics or rubber sheet gas retardant damp proofing
	D21/350 Gas-retardant membrane

Accessory Products:

- JUTA GP[®]1 SAM
- JUTA GP[®] DPC
- JUTA 300TT
- JUTA GP[®] Tape
- JUAT GP[®] Lap Tape

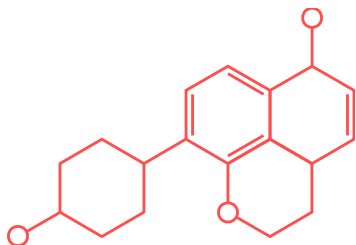


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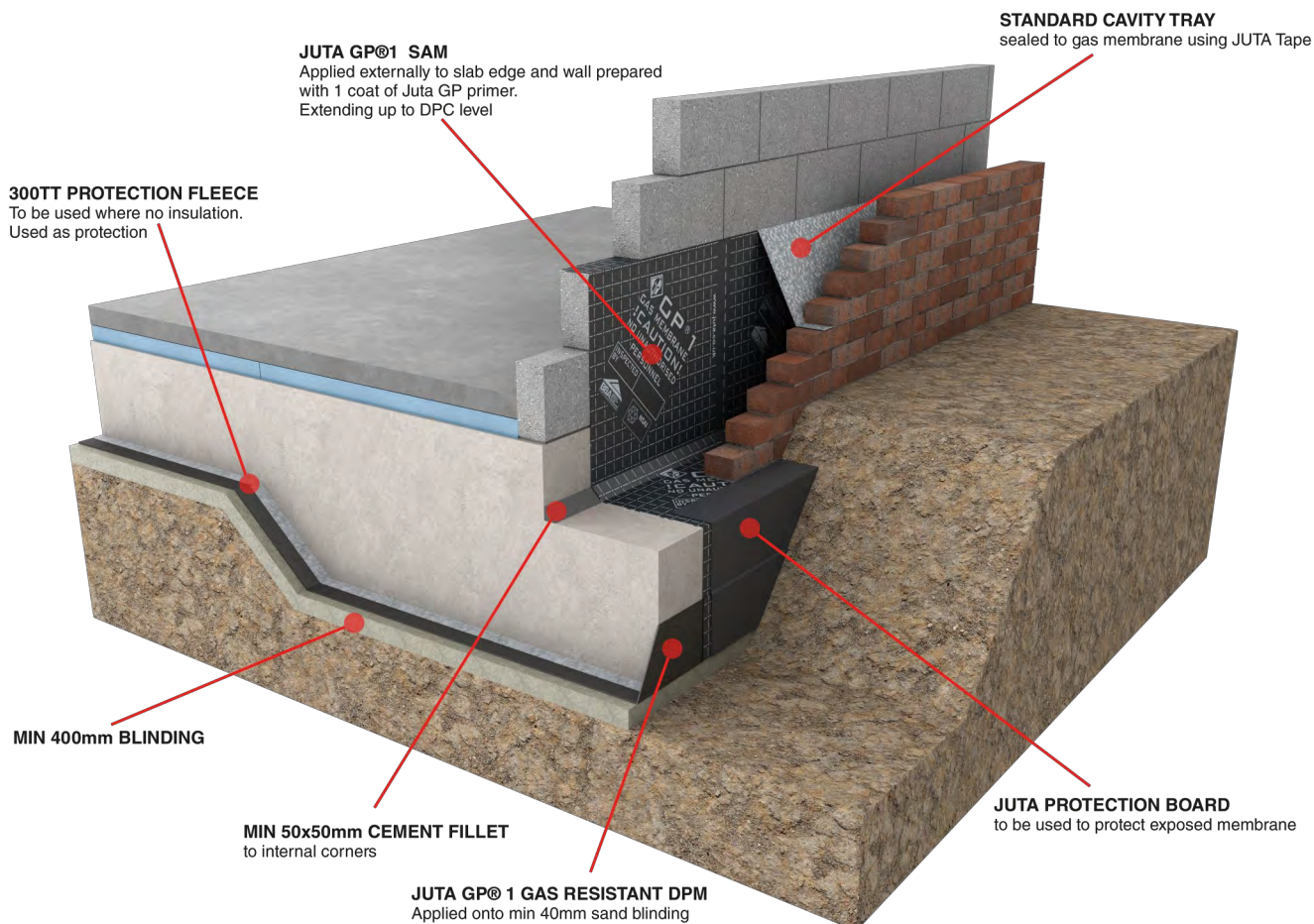
GP®1 GAS RESISTANT DPM



Various typical details available on request.

Please contact technical@juta.co.uk for further information

NB- All DPC's & membranes interrupting masonry bed joints are required to be bedded above and below with mortar.

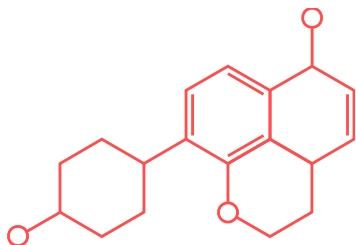


STANDARD DETAIL: **GROUND BEARING RAFT SLAB**

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300TT PROTECTION FLEECE
To be used where no insulation.
Used as protection

STANDARD CAVITY TRAY
sealed to gas membrane using JUTA Tape

BLINDING

JUTA GP DPC
Juta GP1 can be used as the DPC providing there is no lateral shear as per BS8215:1991.
If lateral shear is a design consideration then Juta GP DPC to be used

JUTA GP@TAPE
Taped joint or heat welded seam joint

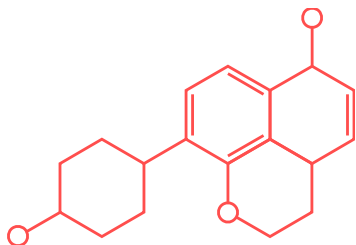
JUTA GP[®] 1 GAS RESISTANT DPM
Applied onto min 400mm sand blinding

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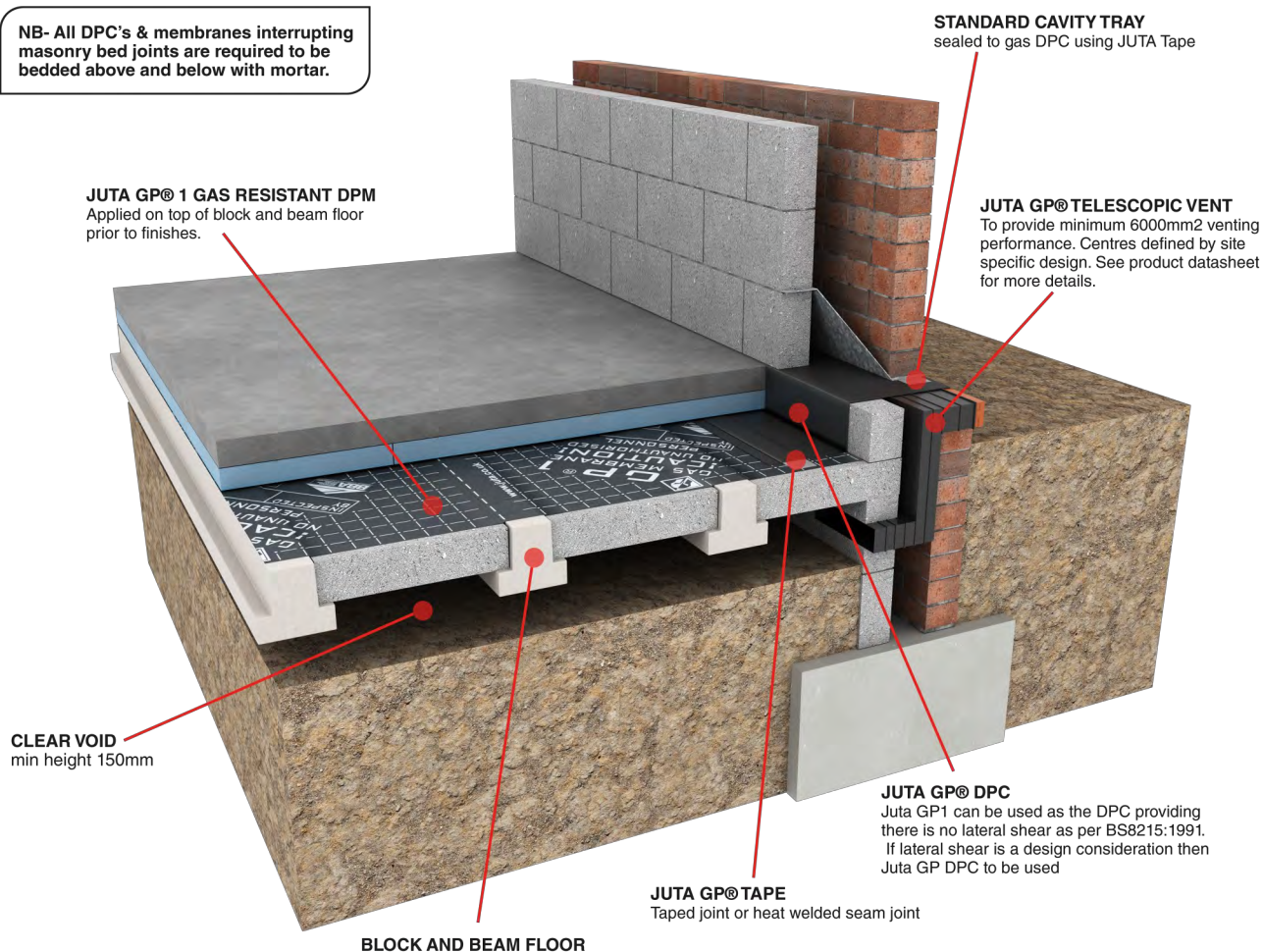
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STANDARD DETAIL: **BLOCK & BEAM FLOORING**

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