



GP[®]4

GP[®]4 gas barrier is a multi-layer, low density polyethylene membrane, reinforced with a polypropylene reinforcing grid. GP[®]4 is specifically designed and manufactured to perform as a radon, air & moisture protection system, as well as low level protection to carbon dioxide, and methane.

Features and benefits:

- Manufactured to perform as a radon, air and moisture protection system.
- Provides low-level protection to carbon dioxide and methane.
- BBA approved and CE marked.

Should be used on any site where radon gas is present. The barrier is sufficiently resistant to the ingress of radon into a building. On more heavily contaminate sites as passive or active venting system may be required to dilute the gasses down to acceptable levels and specific design advice should be sought.

Accessory Products

- GP[®] SAM
- GP[®] DPC
- 300TT
- GP[®] Tape
- GP[®] Lap Tape

Physical Properties

Thickness	0.6 mm
Width	3 m
Length	33 m
Weight	400 g/m ²

Gas Permeability

Radon	1.7 x 10 ⁻¹¹
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Compliance and Certification

CE MARK - EN13967:2012
NHBC Standards Compliant
BBA Certified - Certificate No. 20/5728 P5

Specification Clauses

Uniclass 2015 - PR_25_57_65_90
Plastic 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



Please
Scan

UK
NI

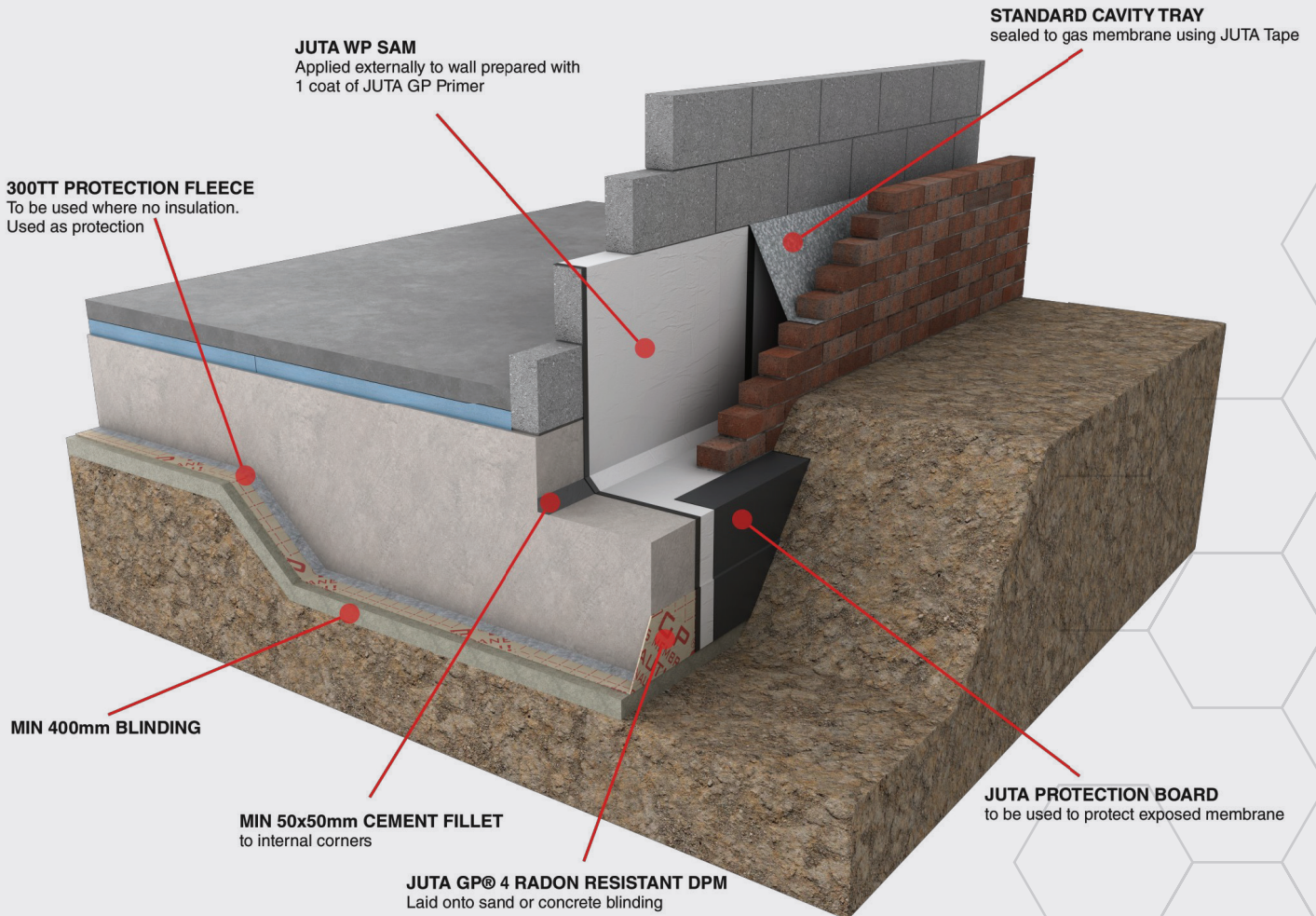


UK
CA



Standard Detail - Ground Bearing Raft Slab

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

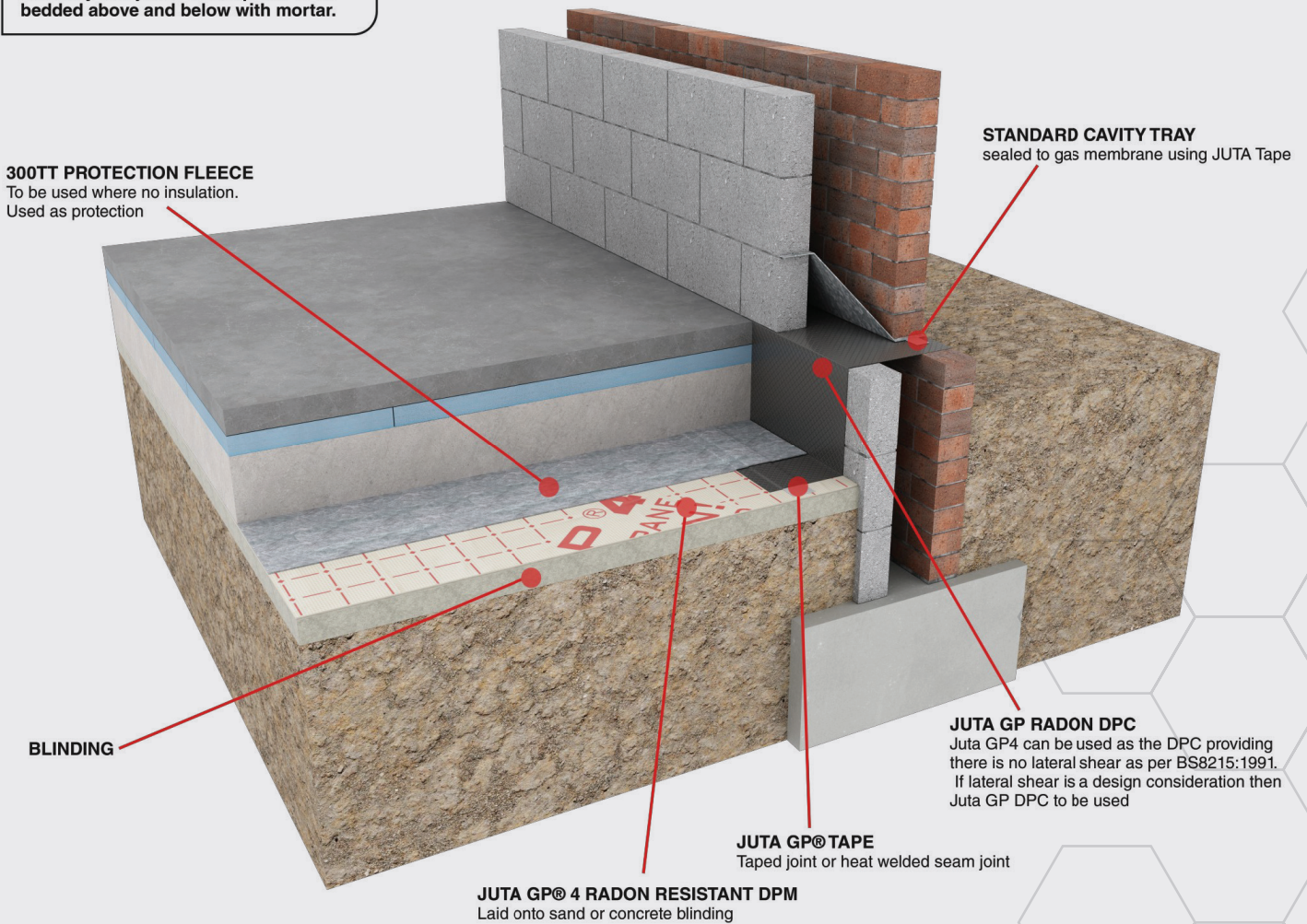


Various typical details available on request. Please contact technical@juta.co.uk for further information



Standard Detail - Ground Bearing Slab

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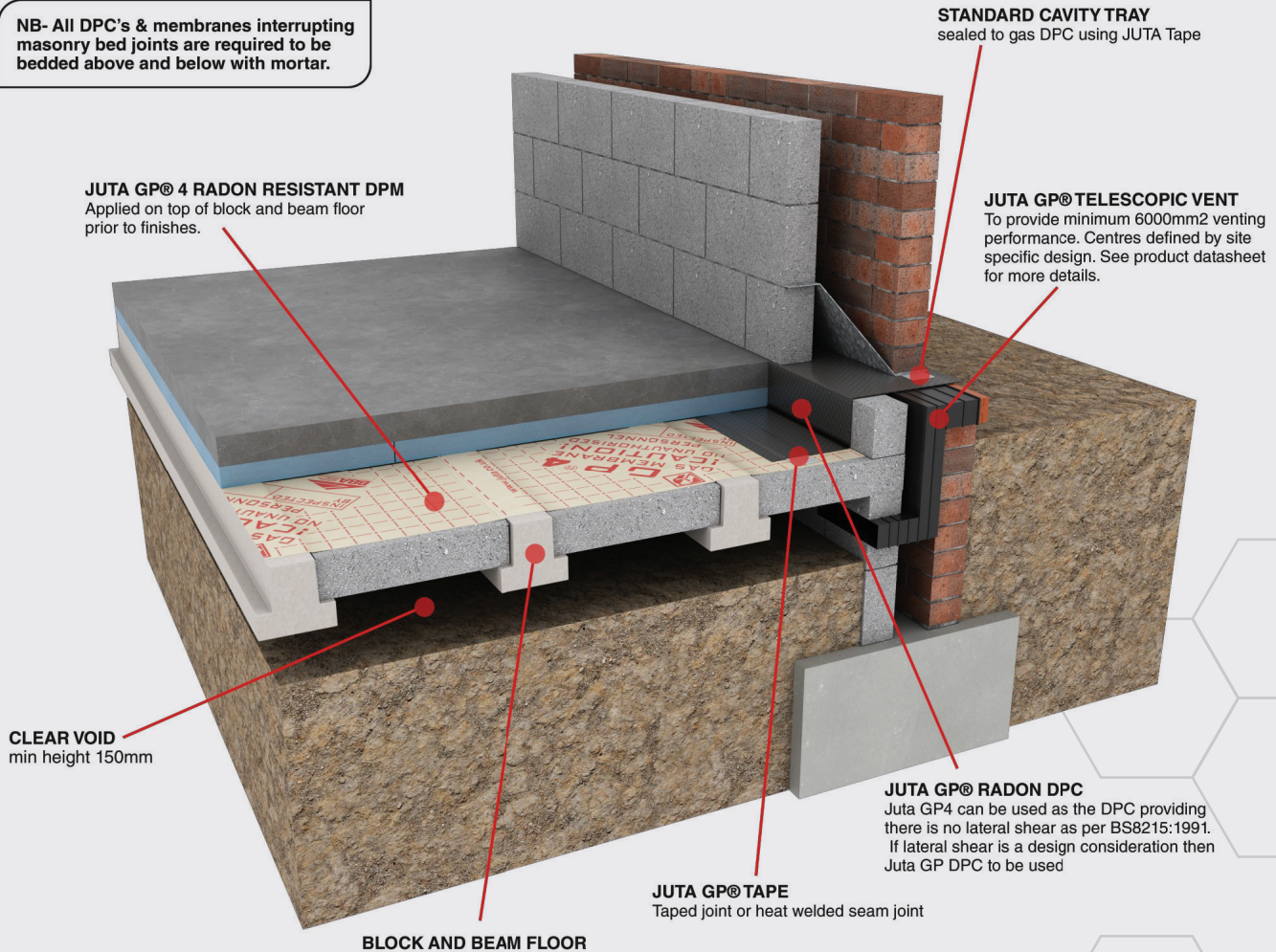


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Standard Detail - Ground Block & Beam Flooring

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JUTA GP⁴ RADON RESISTANT DPM
Applied on top of block and beam floor prior to finishes.

STANDARD CAVITY TRAY
sealed to gas DPC using JUTA Tape

JUTA GP⁴ TELESCOPIC VENT
To provide minimum 6000mm² venting performance. Centres defined by site specific design. See product datasheet for more details.

CLEAR VOID
min height 150mm

JUTA GP⁴ RADON DPC
Juta GP4 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 GP⁴ TAPE
Taped joint or heat welded seam joint

BLOCK AND BEAM FLOOR

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