



**NB - ALL DPCs & MEMBRANES INTERRUPTING MASONRY BED JOINTS ARE REQUIRED TO BE BEDDED ABOVE AND BELOW WITH MORTAR**

**JUTA GP® TITANFLEX**  
GAS & VOC RESISTANT MEMBRANE  
INSTALLED ONTO SUITABLY PREPARED SLAB  
(OR JUTA PROTECTION FLEECE) TO PROVIDE  
SMOOTH SURFACE TO AVOID DAMAGE

STANDARD CAVITY TRAY  
SEALED TO GAS MEMBRANE  
USING **JUTA GP® TAPE**.

min. 150mm

min. 150mm  
CLEAR VOID

**JUTA GP® TELESCOPIC VENT**  
TO PROVIDE MINIMUM 6000mm<sup>2</sup> VENTING  
PERFORMANCE. CENTRES DEFINED BY **SITE  
SPECIFIC DESIGN**. SEE PRODUCT DATASHEET  
FOR MORE DETAILS.

CLIENT  
**JUTA UK LTD**

PROJECT  
**GP® TITANFLEX - Standard Details**



- NOTES**
- Detail is generic to application so should be used as a guide not a specific installation detail.
  - GP® TITANFLEX is a proprietary gas and VOC resistant DPM, manufactured and certified to adhere to the requirements of BS8485: 2015+A1: 2019 and CIRIA C748: 2014 as a radon, carbon dioxide, methane and VOC barrier.
  - GP® TITANFLEX provides radon protection, in accordance with Approved Doc C (UK) and Technical Guidance Document C (Ireland).
  - Jointing and sealing using tapes is acceptable where anticipated design service life does not exceed 25 years.
  - Jointing and sealing by hot air welding is recommended where the anticipated design service life is required to exceed 60 years.
  - The use of butyl and bitumen based tapes in environments where VOC and Hydrocarbons are a perceived risk should be avoided. A thermal/welded joint system should be adopted.
  - It should be noted that the suitability of the welded joint is defined by the joint integrity, as tested in accordance with CIRIA C735: 2014. This is most commonly tested by air lance integrity testing to ASTM D4437-08: 2013. If the joint passes this test it is deemed acceptable in the verification process.
  - In all cases it is recommended the installation of gas barrier geomembranes is completed by a suitably qualified and accredited installer (NVQ L2/TWI/CSWIP or equivalent). Juta UK can offer advice as to the suitable/recommended installers.
  - The gas protection system installation should be subject to third-party independent verification, in accordance with BS8485: 2015 +A1: 2019 and CIRIA C735: 2014.
  - All design decisions made by others that might have an impact on the gas and waterproof design performance should be brought to the attention of the design team and Juta UK Ltd. Final decisions and/or any recommendations should be approved by the design team and Juta UK Ltd.
  - Dimensions are not to be scaled from this drawing. All written measurements are to be checked on site by the contractor.
  - All rights described in chapter IV of the copyright, design and patents act 1988 have been generally asserted.

DRAWING TITLE  
**JUTA GP® TITANFLEX**  
BLOCK + BEAM FLOOR, PERIMETER DETAIL:  
MEMBRANE ABOVE SLAB FULL FIT OUT

DRAWING NUMBER  
**JUTA.TF.028 (FFO)**

DRAWN BY <b>PD</b>	CHECKED BY <b>PF</b>	SCALE Not to Scale	DATE Oct. 2020
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