

**JUTA GP® TITANBOND**  
GAS/VOC + WATERPROOFING MEMBRANE  
PRE-APPLIED TO FORMWORK BEFORE RC  
WALLS POURED

**JUTA PD1700 OR  
PROTECTION BOARD**  
SUBJECT TO PROJECT REQUIREMENTS -  
APPLIED EXTERNALLY AS PROTECTION  
PRIOR TO BACKFILLING.

100mm LAP: EITHER HEAT WELDED SEAM  
JOINT BY NVQ L2 QUALIFIED OPERATIVES  
OR TAPED USING GP® TITANTAPE  
SUBJECT TO PROJECT REQUIREMENTS

SUGGESTED LAND DRAIN  
LOCATIONS AS BS8102:2009  
RECOMMENDATIONS

**JUTA HYDROLOCK STRIP**  
APPLIED TO ANY CONCRETE JOINTS  
WITH MINIMUM 70mm COVER

**JUTA GP® TITANBOND**  
1m WIDE DETAILING STRIP TO LINK  
VERTICAL TO HORIZONTAL  
MEMBRANES

**JUTA GP® TITANBOND**  
GAS/VOC + WATERPROOFING MEMBRANE  
LAID FLEECE FACING UP ONTO 40mm SAND  
or CONCRETE BLINDING.

CLIENT  
**JUTA UK LTD**

PROJECT  
**GP® TITANBOND - Standard Details**

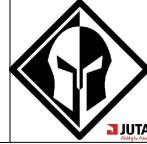


- NOTES
- Detail is generic to application so should not be used as a guide not a specific installation detail.
  - GP®TITANBOND is a TYPE A Waterproofing membrane, in accordance with BS8102:2009, suitable for Grade 1, 2 and 3 Basement constructions.
  - GP® TITANBOND is a proprietary gas and VOC resistant DPM, manufactured and certified to adhere to the requirements of BS8485: 2015+A1: 2019 and CIRA C748: 2014, as a radon, carbon dioxide, methane and VOC barrier.
  - 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 CIRA 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 CIRA 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® TITANBOND**  
TYPICAL WALL - SLAB KICKER JOINT DETAIL

DRAWING NUMBER  
**JUTA.TB.007**

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