

JUTA GP® TITANFLEX



INSTALLED SELF ADHESIVE FACE
DOWN ONTO CONCRETE SCREED
JUTA GP® TITANTANK

CONCRETE SCREED BLINDING

GP TITANFLEX - TITANTANK

SELF ADHESIVE JOINT - WHERE NO VOCs/
HYDROCARBONS PRESENT

To be used where design service life does not exceed 25 years.

JUTA GP® TITANFLEX



**JUTA GP® TITANFLEX
WELDSTRIP**

100mm STRIP WELDED TO COVER
ADHESIVE LAP JOINT

INSTALLED SELF ADHESIVE FACE
DOWN ONTO CONCRETE SCREED
JUTA GP® TITANTANK

CONCRETE SCREED BLINDING

GP TITANFLEX - TITANTANK

SELF ADHESIVE & WELDED JOINT - WHERE
HYDROCARBON & VOCs PRESENT ON SITE

To be used where design service life is required to exceed 60 years.

DRAWING TITLE

JUTA GP® TITANFLEX
TITANFLEX TO TITANTANK LAPPING DETAILS

DRAWING NUMBER

JUTA.TF.042

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 CIRA 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 thermalwelded 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/TW/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.

DRAWN BY

PD

CHECKED BY

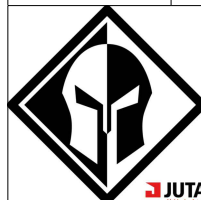
PF

SCALE

Not to Scale

DATE

Oct. 2020



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JUTA
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