



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

DASHED LINE INDICATES POSSIBLE LINE
OF LGB - SUBJECT TO POUR SEQUENCING

JUTA GP® LGB
LIQUID APPLIED GAS BARRIER ONTO PILEHEAD AND
EXTENDING UP TO CONCRETE SLAB DEPTH.
(NB: MAY NOT BE PERMITTED DUE TO FRICTIONAL
INTERLOCK STRUCTURAL CONNECTION REQUIREMENTS)

PILE CAPS MORE THAN 600mm MAY ALLOW
FOR LIQUID APPLIED GAS BARRIER OVER
(SUBJECT TO PROJECT REQUIREMENTS) -
CONTACT JUTA FOR FURTHER INFO

GP TITANBOND SEALED TO
LGB USING GP SEALANT

MAINTAINABLE LAND DRAIN LOCATION
AS BS8102:2009 RECOMMENDATIONS

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 CIRIA 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 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® TITANBOND
TYPICAL PILE CAP + COLUMN DETAIL - OPTION 3
(LIQUID GAS BARRIER OVER TOP)

DRAWING NUMBER
JUTA.TB.031

DRAWN BY PD	CHECKED BY PF	SCALE Not to Scale	DATE Dec. 2020
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