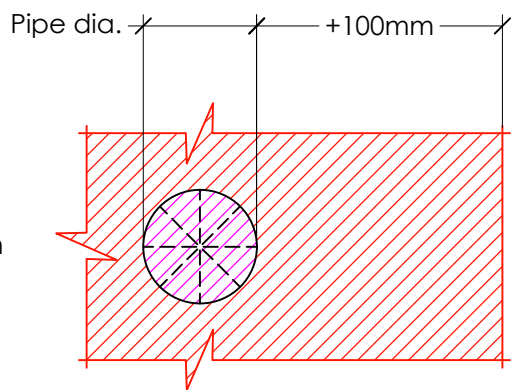


① Penetration Detail  
Scale: 1:10



② Membrane Patch Detail  
Scale: nts

**PUDLO GB Self Seal 'star-cut'** to diameter of service plus 100mm relief at each quadrant.

1 No. **Surestop BWB** to be wrapped around pipe and secured with tie wire (minimum 75mm from surface of wall).

**PUDLO GB Self Seal.**

Square 'star-cut' **PUDLO GB Self Seal** around base of pipe/penetration (min. 100mm lap onto substrate).

300mm wide strip of **PUDLO GB Self Seal** around pipe/pen.

Cast-in pens. to be spaced min. 100mm edge-to-edge. Waterbars secured to pipes should be staggered to allow adequate spacing.

20mm 'lip' onto square 'star-cut' **PUDLO GB Self Seal.**

Concrete/substrate to be primed with **PUDLO Self Seal Primer** prior to installation of **PUDLO GB Self Seal.**



Part of the DB Group

Revision History

DATE	DESCRIPTION	REV.	DES.	Q.C.
06/11/20	First issue.	-	LD	LL

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DRAWING TITLE <b>WALL PIPE PENETRATION DETAIL</b>	PROJECT -		
STATUS <b>FOR INFO</b>	SCALE as shown on A4		
DRAWING NUMBER <b>PUDLO-TJD-GBSF-014</b>	REVISION -	SHEET No. 1 of 1	
CLIENT -	-		
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Note:- This PUDLO detail is to assist with the installation of its products and ancillaries. The details show how PUDLO gas protection membranes and its ancillaries are to be installed. For site specific details and confirmation on the extent of where the membranes are to be installed must be confirmed by the structural engineers / contractor, individual / company responsibility for design of the structure must ensure that details shown on PUDLO drawings match the latest construction issue drawings.  
All products specified and the design should comply with the latest industry guidelines where applicable - BS8484:2015 'Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings, CIRA C748 'Guidance on the use of plastic membranes as VOC vapour barriers. Gas protection membranes should also be independently verified by 3<sup>rd</sup> party in accordance with CIRA C735 'Testing and verification of gas protection systems'. Information of gas validation are available upon request.  
The information shown on this detail is given without obligation, or warranty PUDLO to consultation or communication with PUDLO/DB Group Ltd.