

SIGMA GPS Pre-formed Lift-Pit Liner

Description

SIGMA GPS Lift Pit Liner is a 1mm propylene/ethylene co-polymer geomembrane. Produced from a resin formulation design to provide a premium quality geomembrane, which exhibits excellent flexibility, elasticity and resistance to puncture. These properties assure maximum multi-axial elongation to accommodate different settlement. Heat welding produces a homogenous membrane being totally impervious to water ingress. The product lends itself applications where high/variable water tables, standing water and water creating hydrostatic pressure areas are evident.

Construction of Lift Pit Liner

Manufacturing of the SIGMA GPS Lift Pit Liner commences when the length, width and height measurements have been obtained and signed off by the contractor installing the product.

SIGMA GPS Lift Pit Liner is heat welded together with a 50mm overlap joint running vertical in each corner, fusing the two membranes creating a homogenous material joint. Corners are reinforced with an addition layer of membrane.

Around the topside of the SIGMA GPS Lift Pit Liner a return flange of 150mm wide or greater, dependant on request, is then joined to the DPM by the contractor.

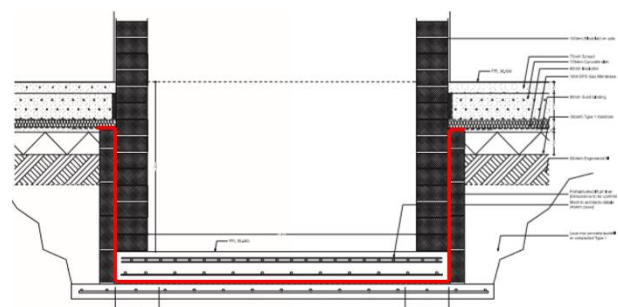
In short, SIGMA GPS Lift Pit Liner is a one piece, cost effective solution for waterproofing of brick/block built lift-pits.

Technical Information

Tested Property	Test Method	Min. Value
Nominal Thickness (mm)	ASTM D5199	1.00
Density (g/cm ³)	ASTM D792/1505 A	0.88
Elongation at break %	G L 50mm	960
Tear Resistance (N)	ASTM D1004	55
Puncture Resistance (N)	ASTM D4833	150

Technical Assistance

Contact SIGMA 360 for typical installations details or specific issues relating to individual applications.



Dimensions required for ordering

Base dimensions - length x width (mm)

Height to DPM level (mm)

DIMENSIONS SHOULD BE TAKEN FROM INNER SIDE OF OUTER BRICK/BLOCKWORK

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