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Hy-Tex Root Barrier Joining Tape

Root Barrier Lapping Tape is a self-adhesive sheet membrane constructed from an oriented cross laminated high density polyethylene sheeting and a bitumen-polymer adhesive compound. The product is a tough, durable, self-adhesive sheet with an overall thickness of 1.5 mm.

Uses include waterproofing foundation, basements, roofs and plaza decks, lift shafts, pits, service reservoir roofs, car park decks and subways.

Typical Properties

PROPERTY	TEST METHOD	UNITS	DATA
DIMENSIONS			
Backing Thickness	-	mm	0.10
Backing Type	-	-	HDPE
Adhesive Thickness	-	mm	1.40
Total Thickness	-	mm	1.50
Reel Width	-	mm	300
Reel Length	-	m	20.00
Weight	-	kg/m ²	1.7
Carton Quantity	-	reels	3
Carton Size	-	mm	260 x 260 x 1100
Carton Weight	-	kg	35
MECHANICAL PROPERTIES			
Membrane Strength	ASTM D1000	N/mm	5.0
Elongation	ASTM D1000	%	300
Puncture Resistance	ASTM E154	N	230
Adhesion (180° Peel)	ASTM D1000	N/mm	4.0
FUNCTIONAL DATA			
Water Vapour Transmission	ASTM E96	g/m ² /24h	0.30
Water Penetration % Joint	MOAT 27 5.1.4		Nil
Dimensional Stability	MOAT 27 5.1.6 (80°C)	%	MD -0.1, CD -0.2

Delivery & Site Handling

Supply The joining tape is supplied in cardboard boxes, each box bearing the roll type and manufacturing batch code.

Storage Boxes must be stored vertical on end, in dry conditions out of direct sunlight. Storage temperature should be between 5°C and 30°C.

Installation

Preparation Ensure surfaces are smooth, clean and dry.

Application Ensure that air temperature is greater than 5°C. Remove the release paper as the sheet is laid, and firmly press the membrane down as it is applied to avoid entrapped air.

When sealing root barrier overlaps apply the joining tape centrally along the lap on the side facing the tree ensuring the surface is clean and dry.

Protection Care should be taken to avoid damage to the joining tape during backfill operations.

Note Whilst information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors, as the conditions of use and any labour involved are beyond our control. The Typical Data shown in this leaflet is intended as a general guide and is based on tests carried out under controlled conditions



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BIODEGRADABLES

GEOTEXTILES

AGROTEXTILES

Textile for Civil Engineering, Construction, Landscaping, Horticulture and Agriculture