

Data Sheet

Self Adhesive Tanking Membrane

Description

Specifically designed for use as a waterproof membrane in critical areas such as internal and external tanking of underground structures, reservoirs, subways, lift shafts and retaining walls.

A high performance, self adhesive, flexible, waterproof membrane, manufactured from tough, cross-laminated HDPE film laminated to a 1.5mm thick layer of modified rubber/bitumen adhesive. The advanced carrier film gives improved tear strength, puncture resistance and impact resistance. After application, the membrane should be covered as soon as possible with cementitious screed or protection board. Also available with integral aluminium foil for gas barriers. Rolls may include a selvedge to enhance overlap bond.

Technical 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
Width	-	mm	1050
Length	-	m	19.05
Weight	-	kg/m ²	1.7
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	%	
Longitudinal	(80°C)		-0.1
Lateral			-0.2

