

Data Sheet

Protection Board

Description

The board is used as a protection course for membrane waterproofing materials and can withstand both backfilling and normal on site foot traffic. It is specifically designed to protect the membrane from construction abuse and harmful punctures by rock and aggregate during backfilling and at the time of later settlement.

Dimensions - 1.2 x 2m

Technical Data:

Tested Property	Tested Method	Minimum Value
Thickness (mm)	ASTM D 751/1593/5199	2.5mm
Density (g/cm ³)	ASTM D 792/1505	0.94mm
Tensile Properties (Each direction)	ASTM D638 Type IV Gauge Length per NSF Std 54	
Strength at break (N/mm)		74
Strength at yield (N/mm)		38
Elongation at break (%)		560
Elongation at yield (%)		13
Tear Resistance (N)	ASTM D1004	334
Puncture Resistance (N)	FTMS 101. Method 2065	579
Environmental Stress Crack Resistance (Hours)	ASTM D1693, Cond.B	1500
Reference Property	Test Method	Nominal Value
Low temperature Brittleness 'C'	ASTM D746, Cond B	<-77
Water Absorption % wt change	ASTM D570	<0.01
Moisture Vapour Transmission, g/m ² day	ASTM E96	<0.001
Dimensional Stability (each direction) %	ASTM D1204, 100°C, 1hr	<0.001