



Wallbarn - Technical Datasheet

Protecto-Board - Bituminous Protection

PRODUCT DESCRIPTION

Protecto-Board is a tough semi-flexible waterproofing, protection and recovery board made from APP / SBS bitumen. It is pre-moulded with a polyester reinforcement carrier, giving a very high tensile strength and superior puncture resistance.

It is suitable for a variety of applications in below ground or above ground waterproofing applications as well as roofing, parking, bridge decks, wet areas, planters, pools, fountains and civil works.

PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Solid
Colour	Black sheet
Odour	Not Applicable.
Water Solubility	Insoluble
PH	Not Applicable
Boiling Point/Range (°C)	~ 177 °C.
Flash Point (closed, °C)	Minimum 250 °C based on bitumen.
Auto flammability (°C)	> 300 °C.
Explosive Properties (%):	This product should be handled using methods and techniques that minimise or eliminate dust or fume generation.
Oxidising Properties:	Not Applicable
Vapour Pressure (kPa at 20°C):	No data
Relative Density (at 20°C)	No data



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TECHNICAL DATA

3.0mm				
	PROCEDURE	UNITS	TOLERANCE	VALUE
ASTM				
Length		m	<-1%	2
Width		m	<-1%	1
Thickness	ASTM D5147	mm	0.2mm	3.0
Water Absorption (n/a slate)	ASTM D5147	%	mlv	<0.55
Puncture resistance	ASTM D514	N; mm	mlv	1200; 32
CE				
Visible defects	EN 1850-1	N ² /m ²	0	0
Length	EN 1848-1	m	<-1%	2
Width	EN 1848-1	m	<-1%	1
Mass per unit area	EN 1849-1	kg/m ²	+/- 10%	3.85
Thickness	EN 1849-1	mm	-0.2mm	3.0
Resistance to static loading (method A)	EN 12730	kg	min	25
Resistance to impact	EN 12691	mm	mlv	>700
Reaction to fire	EN 13501-1		Euroclass	F

6.0mm				
	PROCEDURE	UNITS	TOLERANCE	VALUE
ASTM				
Length		m	<-1%	2
Width		m	<-1%	1
Thickness	ASTM D5147	mm	-0.2mm	6.0
Water Absorption (n/a slate)	ASTM D5147	%	mlv	<0.75
Puncture resistance	ASTM D514	N; mm	mlv	1200; 25
CE				
Visible defects	EN 1850-1	N ² /m ²	0	0
Length	EN 1848-1	m	<-1%	2
Width	EN 1848-1	m	<-1%	1
Mass per unit area	EN 1849-1	kg/m ²	+/- 10%	7.65
Thickness	EN 1849-1	mm	-0.2mm	6.0
Resistance to static loading (method A)	EN 12730	kg	min	25
Resistance to impact	EN 12691	mm	mlv	>700
Reaction to fire	EN 13501-1		Euroclass	F



Wallbarn Ltd
Unit 16 Capital Business Centre
22 Carlton Road, South Croydon. CR2 0BS

IMS.T.087.v6

Phone : 0208 916 2222 Email : sales@wallbarn.com Website : www.wallbarn.com