



PRODUCT DETAILS

Product name	Proteus Pro-Protection Board
Product type	Protection and roof recovery board

PRODUCT DESCRIPTION

Proteus Pro-Protection Board is a **3mm** semi-flexible non-compressible protection board fabricated with an APP/SBS bituminous core and reinforced with two layers of polyester reinforcement carrier for high strength and puncture resistance.

APPLICATION

Proteus Pro-Protection Board can be used in the following situations:

- Temporary or permanent protection of waterproofing membranes prior to applying the final finishes
- Recovery board on existing roofing systems, rough or uneven surfaces

Proteus Pro-Protection Board is suitable for use with the following systems:

- Proteus Hot Melt®
- Proteus Cold Melt®
- Proteus Pro-Therm
- Proteus Pro-BW® Plus
- Proteus Pro-BW® LO
- Proteus Pro-Cold®

INSTALLATION

Preparation

- **Proteus Pro-Protection Board** is easily cut on site with a sharp knife and formed to fit curves/angles by gently heating
- **Proteus Pro-Protection Board** can be mechanically fixed onto the substrate or bonded with **Proteus Pro-Bond Foaming**

Horizontal fixing

- **Proteus Pro-Protection Board** should be bonded to the surface using **Proteus Pro-Bond Foaming**
- When overlaying with self-adhesive membranes, **Proteus Pro-Protection Board** must first be primed with **Proteus Pro-Prime® SA**
- Liquid waterproofing systems should be installed on to the **Proteus Pro-Protection Board** as per the relevant Proteus product datasheet

Vertical fixing

- **Proteus Pro-Protection Board** should be fixed to vertical upstands using **Proteus Pro-Bond Foaming**, or mechanical fixings

Temporary protection

- Prior to the surface finish or insulation boards being installed, loose lay the **Proteus Pro-Protection Boards**, securing the joints with **Proteus Pro-Joint Tape SA**
- In heavily trafficked areas, the board can be additionally secured with suitable double-sided tape to the waterproofing membrane below

- Ensure the tape does not damage the membrane when removed

Protection for finished waterproofing

- For permanent protection of the waterproofing membrane, prior to the installation of surface finishes to help prevent point loading, with paving slabs on supports subsequently being laid onto the board
- For main flat areas, **Proteus Pro-Protection Board** should be loose laid over the waterproofing membrane

Recovery board/waterproofing usage

- When used as a recovery board on rough or uneven surfaces, the polyethylene film coating must be removed from both sides of the **Proteus Pro-Protection Board**

TECHNICAL INFORMATION

Characteristic	Value	Unit	Standard
Visible defects	None	N/m ²	EN 1850-1
Length	2	m	EN 1848-1
Width	1	m	EN 1848-1
Mass per unit area	3.85 ±10%	kg/m ²	EN 1849-1
Thickness	3	mm	EN 1849-1
Resistance to static loading	25	kg	EN 12730
Resistance to impact	>700	mm	EN 12691
Reaction to fire	F	-	EN 13501-1
Water absorption	<0.55	%	ASTM D5147
Puncture resistance	1200 32	N mm	ASTM D514
Boiling Point	177	°C	-
Flash Point	250	°C	-
Auto flammability	>300	°C	-

SIZE, FINISH AND COLOUR

Product Code	Length (m)	Width (m)	Thickness (mm)	Weight (kg)	Colour
ACPRBO02	2	1	3	7	Black

SHELF LIFE AND HANDLING

- Store in a dry ventilated area room far from sources of heat and direct sunlight
- Always use relevant safe manual handling techniques relevant to a products size and weight
- Safety glasses with side shields and gloves when handling
- Use product in a well-ventilated area

MATERIAL

- Atactic Poly Propylene and Styrene Butadiene Styrene
- **>75%** bitumen content (mix of APP and SBS)
- Polyester carrier fleece
- Polyethylene film

PACKAGING

- Packed **200** sheets per pallet
- Total packaged weight is **1400 kg**

LIMITATIONS OF USE

For professional use only.

CHEMICAL PROPERTIES, SAFETY GUIDANCE AND DISPOSAL

Please refer to **Proteus Pro-Protection Board** [Material Safety Datasheet](#).

GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings - Code of practice
- **BS 8217** Reinforced bitumen membranes for roofing - Code of practice
- **BS 8000-0** Workmanship on construction sites - Introduction and general principles
- **BS 8000-4** Workmanship on building sites - Code of practice for waterproofing
- **LRWA** [Design Guide for Specifiers](#)
- **S2T** [Safe to Torch](#)
- **GRO** [Code of Best Practice](#)