



PRODUCT DETAILS

Product name **Proteus Pro-Felt® SA Mineral Capsheet**
Product type Waterproofing membrane

PRODUCT DESCRIPTION

Proteus Pro-Felt® SA Mineral Capsheet is an elastomeric self-adhesive waterproofing membrane made of polyester elastomeric bitumen SBS and a continuous single strand composite woven non-woven polyester reinforcement.

Proteus Pro-Felt® SA Mineral Capsheet is compliant with **EN 13707**.

APPLICATION

Proteus Pro-Felt® SA Mineral Capsheet is suitable for use on the following substrates:

- Timber
- Heat sensitive insulation panels
- Concrete
- Asphalt
- Felt

Proteus Pro-Felt® SA Mineral Capsheet is suitable for use within **Safe2Torch** zones, in conjunction with **Proteus Pro-Felt® SA Underlays**.

INSTALLATION

Installation method

- All lap joints must be overlapped and completely sealed as per the following table:

Lap Dimensions (mm)	
Side Laps	80
End Laps	100
Upstands	100

Overlaps should be heat welded using a suitable hot air gun, ensure a continuous **5mm** bitumen bead extruding from all laps

- When applying on verticals, the apex of the membrane must be mechanically fixed with a proper flashing; where possible it is advisable to go up and over the vertical and on to the horizontal surface
- Remove the protective release film from the underside of the **Proteus Pro-Felt® SA Mineral Capsheet**, then adhering it directly onto the **Pro-Prime® SA** layer
- Use a suitable roller to apply pressure over the surface of the membrane to ensure adequate adhesion

TECHNICAL INFORMATION

Characteristic	Value	Unit	Standard
Mass per unit area	4.5	kg/m ²	EN 1849-1
Visible defects	none	-	EN 1850-1
Straightness	<20	mm/10m	EN 1848-1
Watertightness @60 kPa	Pass	-	EN 1928 - B
Maximum tensile strength L/T	400/300	N/50 mm	EN 12311-1
Elongation L/T	35/35	%	EN 12311-1
Reaction to fire	F	-	EN 13501-1
Cold flexibility	-25	°C	EN 1109
Resistance to tearing L/T	120/120	N	EN 12310-1
Flow resistance	+100	°C	EN 1110
Dimensional stability	-0.3	%	EN 1107-1

SIZE, FINISH AND COLOUR

Product Code	Length (m)	Width (m)	Width (mm)	Weight (kg)	Finish	Colour
FPFCSMSF08	10	1	3	45	Mineral Slates	Black

SHELF LIFE AND HANDLING

- The rolls should be stored in an upright position, indoors in a dry and ventilated area, away from heat sources
- Avoid stacking rolls and pallets for storage or transport to avoid possible deformations
- It is recommended to store the product at temperatures above **0°C**
- The materials on stock should be rotated following a first in first out rotation
- Always use relevant safe manual handling techniques relevant to a products size and weight

MATERIAL

Reinforcement:	Single strand polyester
Compound:	Elastomeric polymer bitumen SBS
Top finish:	Black Mineral
Lower finish:	Silicone release film

PACKAGING

Felt rolls wrapped with paper seal.

LIMITATIONS OF USE

For professional use only.

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CHEMICAL PROPERTIES, SAFETY GUIDANCE AND DISPOSAL

Please refer to **Proteus Pro-Felt® SA Mineral Capsheet** [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](#)