

# CP685

## POWERply CAPPING - TO



### KEY BENEFITS SUMMARY

- Torch-applied application
- Graphite technology which actively prevents spread of flames on roof
- Excellent low temperature flexibility at -25°C
- SBS modified bitumen
- High tensile strength polyester reinforcement

### PRODUCT INFORMATION

#### Description

CP685 is a torch-applied, bituminous cap sheet which is saturated and coated with high quality SBS (Styrene-Butadiene-Styrene) modified bitumen. It has a 180 g/m<sup>2</sup> polyester fleece reinforcement, a thermo-fusible polyethylene film on the underside and has a slate surfaced finish. CP685 also incorporates a special graphite additive within the coating to provide exceptional fire protection properties

#### Usage / Purpose

CP685 is designed for use as a high performance cap sheet, and can be used as the final waterproofing layer on a variety of TREMCO built-up roofing systems (e.g. Torch-Safe and full Torch-On specifications). CP685 is compatible with all common bituminous underlay membranes.

#### Colour

Anthracite  
Terracotta

#### Packaging

1.0 m x 7.5 m x 4.2 mm roll

#### Availability

Direct from Tremco CPG UK Limited (see bottom of leaflet for address and telephone details).

#### Application

- CP684 should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 – the code of practice for reinforced bitumen membranes for roofing.
- Roofing contractors should also be fully conversant with the guidelines set out in the National Federation of Roofing Contractors (NFRC) 'Safe2Torch' campaign.
- All operatives using torch guns or hot air guns during installation should be competent, conversant and capable of using such items in a safe and responsible manner.

- Care must also be taken when using torches and hot air guns in close proximity to combustible materials, decorative coatings and heat sensitive materials.
- In order to install the CP685 capping correctly, ensure that the surface is dry, free of oil, fat and dust and other impurities.
- When setting out the field area, rolls should always be laid in the same direction. Side lap width should be at least 80 mm with end laps of at least 100 mm.
- A minimum 100 mm link with the waterproofing layers at all detailing and upstand abutments must also be achieved, with the completed detailing entirely encapsulating the insulation.

#### Installation

- CP685 capping must be fully bonded to the prepared substrate by using the torch-on application method, ensuring that a constant flow of bitumen is maintained across the whole width of the roll and that a continuous bead of bitumen (5-15 mm) is exuded from all side and end laps to demonstrate that a good seal has been achieved.
- The lower surface has a thermo-fusible film which rapidly melts during the torching operation.
- When addressing an angle where the membrane will change from a horizontal to a vertical configuration, press the product firmly into place and ensure that a full bond is achieved throughout the detail.

NB: The granule colour may vary during its useful life due to the effect of the weather and other outside agents.

#### Installation Note

Please refer to Tremco Specification & Installation Guide for advice at all times.

### Chemical Resistance

CP685 is water-resistant and is resistant to watery solutions of salt, diluted non-oxidising acids and bases. Aliphatic and aromatic hydrocarbons, as well as chlorine hydrocarbons, oils and greases may loosen the product and should therefore be avoided.

### Health & Safety Precautions

Safety data sheets must be read and understood before use.

### Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

### TECHNICAL DATA

PROPERTY	TEST METHOD	RESULT
Length	DIN EN 1848-1	≥ 7.5 m
Width	DIN EN 1848-1	≥ 1.0 m
Straightness	DIN EN 1848-1	≤ 20 mm/10 m
Mass per Unit Area	DIN EN 1849-1	5.6 (± 5%) kg/m <sup>2</sup>
Thickness	DIN EN 1849-1	4.2 (± 2%) mm
Water Tightness	DIN EN 1928 Method B	passed at 200 kPa
Tensile Properties: Maximum Tensile Force	DIN EN 12311-1	≥ 900/600 N
Tensile Properties: Elongation	DIN EN 12311-1	≥ 35/35%
Flexibility at Low Temperatures	DIN EN 1109	≤ -25°C
Flow Resistance at Low Temperatures	DIN EN 1110	≥ +100°C
Storage	Store in a cool, dry place and protect from direct sunlight	
Shelf Life	24 months when stored as recommended	