

CP686

POWERply CAPPING - SA



KEY BENEFITS SUMMARY

- Flame free, self-adhesive application
- Graphite technology which actively prevents spread of flames on roof
- Excellent low temperature flexibility at -25°C
- 280 g/m² polyester/glass composite reinforcement
- SBS modified bitumen

PRODUCT INFORMATION

Description

CP686 is a cold-applied, self-adhesive bituminous cap sheet which is saturated and coated with high quality SBS (styrene-butadiene-styrene) modified bitumen. It has a strong 280 g/m² polyester/glass composite reinforcement and incorporates a special graphite additive within the coating to provide exceptional fire protection properties. The upper layer is protected with slate mineral and the bottom layer is coated with self-adhesive compound, covered with removable film.

Usage / Purpose

CP686 is designed for use as a premium cap sheet (top layer), and is ideal for use within cold-applied roofing systems. It is compatible with CP683 self-adhesive underlay membrane.

Colour

Anthracite

Packaging

1.08 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

- CP686 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.
- If hot air guns are used during application, operatives should be competent, conversant and capable of using such items in a safe and responsible manner.

- Care must also be taken when using hot air guns in close proximity to combustible materials, decorative coatings and heat-sensitive materials.
- In order to install the CP686 correctly, ensure that the surface is dry, free of oil, fat and dust and other impurities.
- The membrane is applied by pulling off the bottom separating foil while simultaneously rolling out the sheet. Any overlapping membrane at a t-joint connection must have a diagonal cut over the width of the overlapping.
- The diagonal sheet edge must be cut off with a knife at approx. 45°.
- The joint overlap should be at least 80 mm wide side joint and 100 mm end lap.
- The protective sheet of the longitudinal seam must be removed.
- Any overlaps on the mineral chippings must be sealed with a hot air blow dryer (>3000 W).
- All joint overlaps should be unrolled with a draw roll.
- When applying CP686 ambient and surface temperatures should be at least + 5°C.

NB: The colour of the granules can vary during their 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

CP686 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.

Storage

Store in a cool, dry place and protect from direct sunlight. CP686 should be installed within 3 months of delivery, otherwise the surface must be primed with a suitable primer (please contact Tremco CPG UK Limited technical services for further details).

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	≥ 1.8 m
Straightness	DIN EN 1848-1	< 20 mm/10 m
Mass per Unit Area	DIN EN 1849-1	5.2 (± 5%) kg/m ²
Thickness	DIN EN 1849-1	4.2 (± 2%) mm
Water Tightness	DIN EN 1928 Method B	passed
External Fire Performance	DIN V ENV 1187	see testing of system
Reaction to Fire	DIN EN 11925-2	Class E according to DIN EN 13501-1
Tensile Properties: Maximum Tensile Force	DIN EN 12311-1	1400/1300 (± 15%) N/50 mm
Tensile Properties: Elongation	DIN EN 12311-1	20/25% (± 3 abs)
Dimensional Stability	DIN EN 1107-1	0.18% (± 0.09)
Flexibility at Low Temperatures	DIN EN 1109	≤ -25°C
Resistance to Thermal Distortion	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	