

RW810

POWERPLY SEPARATION AND ATTACHMENT

KEY BENEFITS SUMMARY

- Mechanically secured application
- Isolates combustible substrates such as timber decks
- Excellent low temperature flexibility at -15°C
- Bitumen modified with SBS
- High tensile strength polyester/glass fibre composite reinforcement

PRODUCT INFORMATION

Description

RW810 is a SBS modified, mechanically secured reinforced bituminous membrane (RBM), for use as a separation or attachment layer.

Usage / Purpose

Specified within POWERply torch-on systems, RW810 is primarily designed for use as a high performance separation and attachment layer over timber decks or existing single-ply roofs.

Colour

Black

Packaging

10m x 1m roll
33kg roll weight

Availability

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

Application

- RW834 should be installed in accordance with the project specific specification 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.
- In order to install RW810 correctly, ensure that the surface is swept clear and free from debris.

Installation

- Loosely lay RW810 with 50mm laps and secure in place with nails (timber decks) or mechanical fasteners and pressure plates (single-ply overlay) at minimum 150mm centres across the field area. After fixing pattern around all roof perimeters, side, and end laps to a minimum of 50mm.

- Nails must be at least 20mm long, extra large headed galvanised steel clout nails confirming to BS 1202-1.
- Mechanical fasteners must be of suitable size to achieve the necessary penetration or embedment into the underlying structural deck.
- All nails/fasteners should be set back a minimum of 50mm from all membrane edges.

Installation Note

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

Storage

Store in a cool, dry place, indoors and avoid unnecessary opening of packaging or direct sunlight.

Chemical Resistance

RW810 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.

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

Characteristic	Test method	Units	Nominal values	Tolerances
Visible defects	EN 1850-1	visible	Without defects	
Length	EN 1848-1	m	12,000 -1%	MLV
Width	EN 1848-1	m	1,000 -1%	MLV
Straightness	EN 1848-1	mm	20mm x 10m	Pass
Thickness	EN 1849-1	mm	2	±0.2%
Watertightness (A)	EN 1928	kPa	60	MLV
External fire performance	EN 13501-5	Class	Broof(t4)	
Reaction to fire	EN 13501-1	Class	E	Pass
Tensile strength longitudinal/transversal	EN 12311-1	N/50mm	850/700	±20%
Elongation at break longitudinal/transversal	EN 12311-1	%	40/45	-15 absolute
Resistance to tearing (nail shank)	EN 12310-1	N	190/190	-30%
Flexibility at low temperature	EN 1109	°C	-15	MLV
Flow resistance at elevated temperature	EN 1110	°C	100	MLV
Storage	Store in a cool, dry place and protect from direct light			
Shelf life	24 months when stored as recommended			