

RW840

POWERPLY WALKWAY

KEY BENEFITS SUMMARY

- Torch-applied application
- Mineral surface provides a tough and slip resisting finish
- Excellent low temperature flexibility at -20°C
- High tensile strength polyester/composite reinforcement
- SBS modified bitumen self adhesive bottom layer

PRODUCT INFORMATION

Description

RW840 is a cold applied, self-adhesive reinforced bituminous membrane (RBM), for use as a walkway sheet

Usage / Purpose

Specified within POWERply torch-on or self-adhesive systems, RW840 is designed for use as a high performance cap sheet membrane suitable for protecting main roof coverings from excess foot traffic.

Colour

Charcoal Grey and Terracotta Red

Packaging

6m x 1m roll
45kg roll weight

Availability

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

Application

- RW840 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.
- If gas torches are used during application, operatives should be competent, conversant and capable of using such items in a safe and responsible manner.
- Gas torches must never be used in close proximity to combustible materials, decorative coatings or heat sensitive materials.
- In order to install the RW840 correctly, ensure that the surface is dry, free of oil, fat and dust and other impurities.

- Cut RW840 into suitably sized pieces and outline the direction of access routes. Where safe to do so, apply by heating the reverse of the membrane with a gas torch ensuring the film backing melts away exposing the bitumen core. The mineral surface must always face upwards, and the membrane applied without folds or creases that may affect the overall finish.
- Sheet ends can be butt jointed to avoid prominent laps that may present a slight trip hazard.

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

RW840 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, indoors avoid unnecessary opening of packaging or direct sunlight.

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.

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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 and deemed accurate at the time of issue.

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	6,000 -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	4 (on overlap)	±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	700/550	±20%
Elongation at break longitudinal/transversal	EN 12311-1	%	40/40	-15 absolute
Resistance to tearing (nail shank)	EN 12310-1	N	170/170	-30%
Dimensional stability longitudinal/transversal	EN 1107-1 met A.	%	±0,3	MLV
Flexibility at low temperature	EN 1109	°C	-20	MLV
Flow resistance at elevated temperature	EN 1110	°C	100	MLV
Flexibility at low temperature after artificial ageing	EN 1269/ EN 1109	°C	-10	+15
Adhesion of granules	EN 12039	%	Max 30	MDV
Storage	Store in a cool, dry place and protect from direct light			
Shelf life	24 months when stored as recommended			