Technical Data Sheet

RW830 POWERPLY CAPPING TO

KEY BENEFITS SUMMARY

- Torch-applied application
- Mineral surface provides a tough weather resistant finish
- Excellent low temperature flexibility at -35°C
- Bitumen modified with APAO
- High tensile strength polyester/glass fibre composite reinforcement
- Long-term UV stability
- Versatile, long-lasting material

PRODUCT INFORMATION

Description

RW830 is a SBS and APP modified, torchon, reinforced bituminous membrane (RBM), for use as a cap sheet membrane.

Top Surface: Mineral granule Reinforcement: Non-woven polyester and glass fibre Underside: Fusible film

Usage / Purpose

Specified within POWERply torch-on systems, RW830 is designed for use as a high performance cap sheet membrane suitable for exposed or buried flat roof assemblies.

Colour

Standard Colours - Charcoal Grey and Terracotta.

Bespoke colours available upon request and subject to minimum order quantity.

Packaging

8m x 1m roll 44kg roll weight

Availability

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

Application

- RW830 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.
- All operatives using gas torches during installation 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 and heat sensitive materials.

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Lasting Performance

 In order to install the RW830 capping correctly, ensure that the surface is dry, free of oil, fat and dust and other impurities.

Installation

- Membrane sheets should be laid perpendicular to the specified falls and all sheet ends must be evenly staggered from subsequent sheets.
- To a suitable surface, begin rolling out whilst heating the reverse of the membrane with a gas torch ensuring the fusible film backing melts away exposing the bitumen core. The mineralised surface must always face upwards, and the membrane applied without folds or creases that may affect the overall finish.
- Membrane side and end laps should be minimum of 100mm and 150mm respectively. Ensure all laps face down the roof slope to avoid negative laps.
- Where safe to do so, all laps are to be sealed gas torch with a minimum 5mm bead of bitumen exuded.

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.

Storage

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

Chemical Resistance

RW830 is water-resistant and is resistant to watery solutions of salt, diluted nonoxidising acids and bases. Aliphatic and aromatic hydrocarbons, as well as chlorine hydrocarbons, oils and greases may loosen the product and should therefore be avoided.



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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

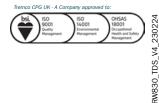
Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free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

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

Visible defectsEN 1850-1visibleWithout defectsLengthEN 1848-1m8,000 -1%MLVWidthEN 1848-1m1,000 -1%MLVStraightnessEN 1848-1mm20mm x 10mPassThicknessEN 1849-1Kg/sqm5,4±10%Mass per u.a.EN 1849-1Kg/sqm5,4±10%Watertightness (A)EN 1928kPa60MLVExternal fire performanceEN 13501-5ClassEPassReaction to fireEN 12317-1N/50mm500/500MLVItansversalEN 12317-1N/50mm900/650 $\pm 20\%$ Tensile strength longitudinal/ transversalEN 12311-1N/50mm900/650 ± 15 absoluteResistance to impactEN 12311-1%45/50 $\pounds 15$ absoluteResistance to impactEN 12310-1Kg20MLVResistance to taring (nail shank)EN 12310-1Kg200/200-30 NDimensional stability longitudinal/ transversalEN 12310-1N200/200-30 NResistance to taring (nail shank)EN 1107-1 met A.°C-35MLVFlexibility at low temperature after elevated temperatureEN 1269/ EN 1100°C-35MLVFlexibility at low temperature after elevated temperatureEN 1269/ EN 1100°C-35MLVFlexibility at low temperature after elevated temperature EN 1110°C-35MLV<	Characteristic	Test method	Units	Nominal values	Tolerances
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	Adhesion of granules	EN 12039	%	Max 30	MDV
Shelf life 24 months when stored as recommended	Storage	Store in a cool, dry place and protect from direct light			
	Shelf life	24 months when stored as recommended			





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