RW834POWERPLY CAPPING FLL TO



KEY BENEFITS SUMMARY

- Torch-applied application
- Mineral surface provides a tough weather resistant finish
- Excellent low temperature flexibility at -15°C
- APP modified bitumen
- High tensile strength polyester/glass fibre composite reinforcement
- Treated with a special anti-root additive
- Long-term UV stability
- Versatile, long-lasting material

PRODUCT INFORMATION

Description

RW834 is a APP modified, torch-on, root resistant, 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, RW834 is designed for use as a high performance cap sheet membrane suitable beneath green roof assemblies where a root resistant membrane is required.

Colour

Standard Colour - Charcoal Grey

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

Packaging

5m x 1m roll 44kg 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.
- 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 or heat sensitive materials.
- In order to install the RW834 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 a minimum of 100mm and 150mm respectively. Ensure all laps face down the roof slope to avoid negative laps.

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 and avoid unnecessary opening of packaging or direct sunlight.

Chemical Resistance

RW834 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.



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RW834

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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.

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

Ength	Characteristic	Test method	Units	Nominal values	Tolerances
Width	Visible defects	EN 1850-1	visible	Without defects	
Straightness	Length	EN 1848-1	m	8,000 -1%	MLV
Thickness	Width	EN 1848-1	m	1,000 -1%	MLV
Watertightness (A) EN 1928 kPa 60 MLV External fire performance Reaction to fire EN 13501-5 Class Broof(t4) NPD Reaction to fire EN 13501-1 Class E Pass Shear resistance longitudinal/transversal Tensile strength longitudinal/transversal Elongation at break longitudinal/transversal Elongation at break longitudinal/transversal EN 12311-1 % 40/40 -15 Resistance to impact EN 12691 mm 1750 MLV Resistance to static loading Method A EN 12730 Kg 25 MLV Resistance to tearing (nail shank) Resistance to root penetration FLL Method Penetration Dimensional stability longitudinal/transversal Flexibility at low temperature Flow resistance at elevated temperature Flow resistance at elevated temperature after artificial ageing by long-term exposure to the combination of UV radiation, elevated temperature and water Storage Storage Final 13501-5 Class Broof(t4) NPD Reas Broof(t4) NPD Reas Broof(t4) NPD Reas E Pass Broof(t4) NPD NPD Reas Broof(t4) NPD NPD Reas E Pass Fown 12310-1 N/50mm 1200/1000 ±20% MLV Resistance to treak longitudinal/transversal Final 1290/ EN 1107-1 met. A ### ### ### ### ### ### ### ### ###	Straightness	EN 1848-1	mm	20mm x 10m	MLV
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elevated temperature Flow resistance at elevated temperature after artificial ageing Artificial ageing by long-term exposure to the combination of UV radiation, elevated temperature and water Storage EN 1110 °C 130 MLV MLV EN 1296/ EN 1110 EN 1297/ EN 1297/ EN 1850-1 Visible Without defects Visible Store in a cool, dry place and protect from direct sunlight	Flexibility at low temperature	EN 1109	°C	-15	MLV
elevated temperature after artificial ageing Artificial ageing by long-term exposure to the combination of UV radiation, elevated temperature and water Storage EN 1296/ EN 1110 C 130 -10 Without defects Without defects	Flow resistance at elevated temperature	EN 1110	°C	130	MLV
long-term exposure to the combination of UV radiation, elevated temperature and water Storage EN 1297/ EN 1850-1 Without defects Store in a cool, dry place and protect from direct sunlight	Flow resistance at elevated temperature after artificial ageing	•	°C	130	-10
	Artificial ageing by long-term exposure to the combination of UV radiation, elevated temperature and water		visible		
Shalf life 24 months when stores as recommended	Storage	Store in a cool,	dry place and p	protect from direct	sunlight
Shell life 24 months when stores as recommended	Shelf life	24 months when stores as recommended			







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