Technical Data Sheet

RW360

TremTherm Mineral Wool

Tapered Board

12-11-2026 / V 6

Description

RW360 is a tapered and non-combustible stone wool insulation board with a mineral coated white fleece face.

Features and Benefits

- Non-combustible
- Excellent acoustic reduction, absorption, and impact performance (rain noise)
- Laid to fall insulation that eliminates the need for a costly structural deck fall
- Can be fully adhered or mechanically fixed
- Ideal for new build and refurbishment projects
- Recyclable

Usage Purpose

RW360 is designed for use as a tapered roof thermal insulation board specified in conjunction with Tremco liquid applied and reinforced bitumen membrane roofing systems where a non-combustible insulation board is required. RW360 is also an ideal insulation for acoustic attenuation in flat roof assemblies.

Packaging

Length (mm): 1200. Width (mm): 1000. Thickness (mm): Individually designed to meet scheme requirements. Tremco can provide bespoke solutions with a range of thicknesses to meet scheme requirements, enabling faster installation and reducing site generated waste.

Shelf Life

Unlimited when stored as recommended in original unopened packaging.

Storage

Store in dry shaded conditions and low humidity. Do not store in direct sunlight.

Technical Characteristics

Composition		Stone wool faced with a mineral coated white fleece
Density	(core)	160kg/m3
Reaction To Fire	BS EN 13501-1	A2-s1,d0
Water Vapour Resistance		5.9 MNs/gm
Thermal Conductivity		0.039 W/mK
Compressive Strength		70kPa @ 10% Compression
Falls	BS 6229: 2018	'Flat roofs with continuously supported flexible waterproof coverings – Code of practice', the minimum finished fall is recommended to be 1:80 across the entire roof area. All flat roof surfaces (including gutter soles) should be designed with a fall of 1:40 to ensure finished drainage falls of 1:80 are achieved.

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U-value		0.25 W/m2K - 150mm 0.22 W/m2K - 170mm 0.20 W/m2K - 185mm 0.18 W/m2K - 210mm (150*+60mm) 0.16 W/m2K - 235mm (150*+85mm) 0.15 W/m2K - 255mm (150*+105mm) *un-faced underlay board Note: Tapered schemes are subject to design.

Application

Please refer to the relevant Tremco specification proposal for application details in accordance with Tremco roofing systems.
For dual layer build-ups, the 150mm unfaced underlay is applied first. The mineral coated white fleece faced board is then applied with the fleece facing upwards.
Metal Deck: RW360 should be laid out in a break bond pattern. The long edges of the boards should be laid at perpendicular to the corrugations and all board joints must be fully supported by the deck.
All Substrates: RW360 should be laid out in a break bonded pattern, fully supported and board joints closely butted.
RW360 is generally adhered using TremStik polyurethane adhesive. Alternatively the RW300 board can be mechanically fixed (refer to Tremco specification proposal).

Coverage

1.08m2

Please Note

A U-Value calculation and condensation risk analysis should be carried out for all projects. When work is interrupted or at the end of each day, a night joint must be made to prevent water ingress (refer to relevant Tremco specification proposal). RW300 boards should be waterproofed as soon as possible. Should any boards become wet, they should be allowed to dry out naturally prior to applying the specified roofing system.

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.

Health And Safety Precautions

Safety data sheet 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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Construction Products Group

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