Technical Data Sheet

RW515

AlphaGuard PUMA Primer H

19-11-2026 / V 9

Description

RW515 is a two component primer consisting of RW515 resin and Catalyst.



Features and Benefits

- Fast curing asphalt primer for green concrete substrates
- Can be applied at temperatures as low as 0°C
- Provides good adhesion to subsequent coats
- Quick and easy to apply
- Suitable for application to green concrete substrates that is still curing before a typical 28 day drying period
- Cold liquid applied; no hot works

Usage Purpose

RW515 is used as a primer on green concrete substrates to enhance adhesion prior to the application of the specified PUMA Roofing System.

Packaging

20kg drums

Available Colour

RW515 Resin: Colourless and Catalyst: White Powder

Shelf Life

12 months when stored as recommended in original unopened containers.

Storage

Store in dry, shaded conditions between +5°C and +30°C

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Technical Characteristics

Viscosity	DIN 53018 at +25°C	180-240 mPa*s
Composition		A two component methyl methacrylate-based primer for green concrete
Density	ISO 1183 at +20°C	1.18 g/cm³
Cure Time (At 20°C)		Approximately 60 minutes
Pot Life In +20°C		Approximately 15 minutes
Application Temperature		RW515 can be applied at substrate and ambient temperatures as low as 0°C, providing that the substrate is frost free
Elongation At Break		2.1%
Tensile Strength	ISO 527	10.4 N/mm²
Storage		Store in dry, shaded conditions between +15°C and +20°C.
Flash Point	ISO 1516	+11.5°C
Density At 25°C	ISO 02811	1.02 g/cm³
E Modulus		720 N/mm²

Substrate Preparation

The surface must be clean, dry and free from dust, oil and other surface contaminants liable to prevent adhesion to the substrate.
The concrete substrate must provide
a smooth floated finish, be free from ridges, hollows or prominent float marks that can adversely affect the new waterproofing system.
There must be no visible water on the surface.

Mixing

RW515 Resin should be stirred well to achieve a homogeneous state. Once fully mixed, add Catalyst and mix thoroughly again using the same method as above. It should be noted that the amount of catalyst powder to be added depends upon the temperature.
Temperature and weight % (grams per 20kg):
30°C - 1% (200g)
20°C - 2% (400g)
10°C - 4% (800g)
0°C - 6% (1200g)

Application

After the catalyst has been stirred in, the primer is poured onto the substrate in stripes and distributed with a sheep skin roller. On extremely porous substrates a second coat may be required.

Coverage

0.3-0.5 kg/m²

Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

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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.
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. Highly flammable - keep away from open flames and other ignition sources. Empty containers that have fully cured product residues can be considered as non-hazardous waste. Uncured product must be disposed of responsibly in accordance with local or national health and safety regulations. Please refer to the specific Tremco safety data sheet for further guidance.

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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