

RW511

ALPHAGUARD PUMA ASPHALT PRIMER



KEY BENEFITS SUMMARY

- Fast curing asphalt primer which cures in approximately 30 minutes
- Can be applied at temperatures as low as 0°C
- Provides good adhesion to subsequent coats
- Quick and easy to apply
- Cold liquid applied; no hot works

PRODUCT INFORMATION

Description

RW511 is a two component primer consisting of RW511 resin and RW591 Catalyst.

Usage / Purpose

RW511 is used as a primer on asphalt and bitumen substrates to enhance adhesion prior to the application of the specified PUMA rapid-curing roofing system.

Packaging

RW511 Resin: 20kg drums

Colour

RW511 Resin: Colourless

RW592 Catalyst: White Powder

Availability

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

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.

Surface Preparation

- The surface must be clean, dry and free from dust, oil and other surface contaminants liable to prevent adhesion to the substrate.
- Remove existing surface blisters and slumping and make good. Prepare asphalt by highly grinding, scarifying or blasting.
- Conduct preliminary adhesion tests prior to application of RW511 to confirm satisfactory adhesion to the substrate.

Mixing

- RW511 Resin should be stirred well to achieve a homogeneous state. Once fully mixed, and RW591 Catalyst and mix thoroughly again using the same method as above.

Dosage Chart

It should be noted that the amount of catalyst powder to be added depends upon the temperature.

Temperature	Weight % (Grams per 20kg)
30°C	1% (200g)
20°C	2% (400g)
10°C	4% (800g)
0°C	6% (1200g)

Application Instructions

- 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.
- For application details refer to Tremco CPG UK Limited technical services on 01942 251 400.

Health & 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.

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 Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

TECHNICAL DATA

PROPERTY	RESULT
Composition	RW511 is a two component methyl methacrylate-based concrete primer
Viscosity (DIN 53018 at +25°C)	180-240 mPa*s
Density (ISO02811 at +25°C)	1.00 g/cm ³
Pot Life/Application Window (at 20°C)	Approximately 10 minutes
Curing Time (at +20°C)	Approximately 30 minutes
Flash Point (ISO 1516)	+11.5°C
Tensile Strength (ISO527)	7.6 N/mm ²
Elongation at Break	141%
E Modulus	163 N/mm ²
Density (ISO 1183 at +20°C)	1.12 g/cm ³
Application Temperature	RW511 can be applied at ambient temperatures as low as 0°C, providing that the substrate is frost free
Coverage	0.3-0.5 kg/m ²
Storage	Store in dry, shaded conditions between +15°C and +25°C
Shelf Life	12 months when stored as recommended in original unopened containers