

# RW512

## ALPHAGUARD PUMA CONCRETE PRIMER



### KEY BENEFITS SUMMARY

- Fast curing concrete 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

RW512 is a two component primer consisting of RW512 resin and RW591 catalyst.

#### Usage / Purpose

RW512 is used as a primer on concrete, masonry and metal substrates to enhance adhesion prior to the application of the specified PUMA rapid-curing roofing system.

RW512 is not suitable for non-ferrous heavy metals and zinc.

#### Packaging

RW512 Resin: 20kg drums

#### Colour

RW512 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 smooth, dry, firm and free of dust, fat and oil and any other contaminants liable to prevent adhesion to the substrate.
- The concrete must be mechanically prepared by grinding, scarifying or blasting.
- Must not be applied to substrates with a moisture content >6%.

### Mixing

- RW512 resin should be stirred well to achieve a homogeneous state. Once fully mixed, add 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.

Find Us @



[www.tremco-europe.com](http://www.tremco-europe.com)

### 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	RW512 is a two component methyl methacrylate-based concrete primer
Viscosity (DIN 53018 at +25°C)	100 - 130 mPa*s
Density (ISO02811 at +25°C)	0.99 g/cm <sup>3</sup>
Pot Life/Application Window (at 20°C)	Approximately 15 minutes
Curing Time (at +20°C)	Approximately 30 minutes
Flash Point (ISO 1516)	+11.5°C
Tensile Strength (ISO527)	10.3 N/mm <sup>2</sup>
Elongation at Break	0.62%
E Modulus	1990 N/mm <sup>2</sup>
Density (ISO 1183 at +20°C)	1.16 g/cm <sup>3</sup>
Application Temperature	RW512 can be applied at ambient temperatures as low as 0°C, providing that the substrate is frost free.
Coverage	0.3-0.5kg/m <sup>2</sup>
Storage	Store in dry, shaded conditions between +15°C and +25°C
Shelf Life	12 months when stored as recommended in original unopened containers