

# RW412

## ALPHAGUARD C-PRIME



Lasting Performance

### KEY BENEFITS SUMMARY

- Excellent adhesion to cementitious substrates.
- Suitable for application to green concrete substrates.
- Cold liquid applied; no hot works.
- Solvent free
- Quick and easy to apply.

### PRODUCT INFORMATION

#### Description

RW412 is a solvent free, two part, epoxy based primer for masonry and green concrete substrates.

#### Usage/Purpose

Developed specifically for enhancing adhesion to masonry substrates. RW412 provides an excellent bond with a single coat liquid application.

#### Colour

When mixed: Gun metal grey  
Part A: Dark grey  
Part B: Brown

#### Packaging

Units of 6 kg in metal containers.

#### Availability

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

#### Conditioning

Condition the contents by storing for 24 hours at +15°C to +25°C as cooler temperatures will increase viscosity and make application more difficult. Higher temperatures will speed the chemical reaction and therefore reduce working pot life.

#### 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.

#### Preparation

- The surface must be firm, sound, clean, dry and free of any other contaminants liable to prevent penetration into the substrate or adhesion to the surface.

N.B. The surface must be smooth, dry, firm and free of dust, fat, oil and any other contaminants liable to prevent adhesion to the substrate.

- The concrete must be mechanically prepared by grinding, scarifying or blasting.

#### Mixing

RW412 hardens by a chemical reaction. It is essential that the mixing instructions are strictly adhered to:

- Stir Part A and Part B thoroughly before transferring Part A into the Part B container.
- Using a slow speed drill fitted with a two bladed propellor (NOT A CEMENT PADDLE), mix the contents for 4 - 5 minutes to obtain uniformity in colour and consistency. Ensure all materials from the base and sides of the containers are mixed in thoroughly to ensure a uniform cure.
- Do not mix more 6 kg units than can be used within the working pot life.

#### Application Instructions

- Immediately after mixing apply the mixed product onto the concrete un ribbons to avoid excessive heat build-up and to increase the working life. Apply using sheep skin roller.
- Apply an even, continuous coat of mixed RW412 to a minimum thickness of 0.2mm (0.4kg/m<sup>2</sup>) 15m<sup>2</sup> per 6kg kits. Allow to cure for approximately 4-5 hours. Coverage is dependant on substrate porosity.

#### Cleaning

Clean tools, etc., with AW421 Heavy Duty Cleaner (flammable).

#### Health & Safety Precautions

Safety data sheet must be read and understood before use.

#### Availability

Direct from Tremco CPG UK Limited (see back of leaflet for address and telephone details), or via local and national distributors.

#### 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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### 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 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	RW412 is a flexibilised epoxy, which contains wetting agents and penetrants to maximise adhesion.
Pot Life	When possible the primer should be applied onto the substrates in a ribbon immediately after mixing. This will allow for the maximum working life to be achieved and facilitate application and improve coverage.
Water Resistance	Excellent
Chemical Resistance	Good
Mix Ratio	Mix full kits only
Coverage	Approximately 0.4kg/m (15m <sup>2</sup> per 6kg kit).
Hardening Time	3-4 hours @ 24°C / 50% RH
Storage	Store between +5°C and +30°C Rotate stock using old material first
Shelf Life	6 months when stored in its original unopened containers