

Super Polymer

HIGH PERFORMANCE

Description:

Colourcrete Super Polymer is a concentrated blend of high performing polymers and additives in addition to the Resurfacing Compound. Colourcrete Super Polymer is a high solid's acrylic emulsion specifically formulated for mixing with the CSS Resurfacing Compounds. Unlike cheaper modifiers the Colourcrete Super Polymer is based on 100% Acrylic Polymer Technology. The premium quality ingredients used in the Colourcrete Super Polymer material assists in providing an excellent performance during applications and for many years thereafter. In addition to the 100% acrylics several additives are included in the mixture to promote excellent flow and immediate bonding onto the concrete substrate. Other additives are incorporated to extend pot life enabling you to apply the product with minimum time pressures. The high active solids content provides you with the flexibility to alter the viscosity of the two-part mixture by varying the quantity of water that is added.

Advantages:

- Enhances tensile and flexural strength
- Maximise abrasion resistance
- Increase impact resistance
- Generates an exceptional bond to concrete
- Improves flow properties

Typical Applications:

- Priming concrete surfaces in readiness for CSS Resurfacing application to generate exceptional bond to surface.
- Mixed with CSS Resurfacing Compound as part of the CSS Resurfacing System process.
- Bonding aid for binding, toppings, and repairs.
- Suitable for use in honed or polished concrete for filling blow holes and pin holes.

Dilution Rates:

Application	Super Polymer	Water
Priming Coat	1: Part	3: Part
Resurfacing textured finish per 20KG bag	2 Litres	3 – 3.5 Litres
Resurfacing smooth finish per 20KG bag	2 Litres	3.5 – 4 Litres
Bonding Aid	1: Part	1: Part
Polished / Honed	1: Part	3: Parts

Surface Preparation:

Concrete surface should be free of additives, curing agents, oils, etc. Remove all loose, crumbly, and drummy areas to obtain a sound surface. Ensure that surfaces are free of dust, oil, grease, laitance, organic matter, and friable materials.

Cover and mask all surrounding areas to prevent overspray during application.

All surfaces must be dry prior to the application of Colourcrete Super Polymer.

Application:

As a primer, bonding aid, or for polished/honed concrete apply diluted solution to the surface using a roller, brush, or low-pressure sprayer for best results. When used with CSS Resurfacing Compound, mix thoroughly at recommended dilution rate using a mixing paddle.

Temperature Considerations:

Colourcrete Super Polymer should only be used when the ambient and concrete substrate temperature is between 10°C – 25°C.

When ambient temperature is higher all efforts should be taken to ensure that Super Polymer containers are stored in the shade and kept cool prior to use. SHAKE BEFORE USE.

In extreme cases the use of ice covers will assist in keeping the Polymer cool. Excessive temperatures tend to cause the two-part mixture to harden in the hopper. At temperatures less than 10°C, the polymer solution is adversely affected thereby increasing the possibility of weakening of the resurfacing system.

Clean-Up:

Clean all equipment and tools with water after use.

Packaging:

Colourcrete Super Polymer is supplied in a 20 Litre Pail Drum.

Storage:

Store in closed container with lid secured tightly, in a cool, dry environment. Shelf life is up to 12 months if stored correctly.

Safety Precautions:

Safety Directions – Avoid contact with the skin and eyes and wear suitable protective clothing, gloves, and eye/face protection.

In case of insufficient ventilation wear suitable respiratory equipment. Refer to Material Safety Data Sheet for further information. Follow Emergency and First Aid Procedures.

Eyes: Flush with copious volumes of water, lifting eye lids occasionally.

Please Note:

This product should only be mixed with CSS Resurfacing Compounds at the recommended rates. The information given in this data sheet is based on our current knowledge of the product when properly stored, handled, and applied. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesmen and where applicable, statutory licenses tradesmen experienced and trained in the use of this product. This product is warranted to be uniform quality within the manufacturer's tolerance. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear. This manufacturer has no control over the use or misuse of this product, therefore no warranty rests or implied, is or can be made either as to effects of such use. The manufacturer's obligations shall be limited to replacing product proving to be defective.

