

# CCS SUPER POLYMER

March 2022

## DESCRIPTION

CCS Super Polymer is a water-based acrylic polymer emulsion which has been specially formulated to combine with the CCS Stylepave Overlay System.

## RECOMMENDED USES

Mixed with CCS Stylepave Resurfacing Compound for the purpose of rejuvenating concrete.

It is also ideal for priming concrete floors in readiness for application of the above products and for general-purpose patching and repair mortars.

Also suitable for filling pin and blow holes in honed and polished concrete.

## PACKAGING

CCS Super Polymer is available in a 20 litre drum.

## DILUTION RATE

APPLICATION	SUPER POLYMER	WATER
Skim Coat	2 litre per 20kg CCS Resurfacing Compound	4 litres
Resurfacing Compound	2 litres per 20kg CCS Resurfacing Compound	3.5 litres
Primer Coat	1 part	4 parts
Honed/Polished Concrete	1 part	3 parts

## APPLICATION METHOD

As a primer, apply diluted solution to the surface using a roller or low pressure sprayer for best results.

When used with CCS Resurfacing Compound, mix thoroughly using a mixing paddle

## PREPARATION

- The concrete surface being coated must be in a sound condition and be free from all laitance, organic matter and friable materials.
- Significant cracks must be routed and repaired in accordance with accepted repair techniques and by using appropriate materials.
- Mask and cover all surrounding areas to prevent overspray during application.
- Allow concrete surfaces to completely dry prior to application of CCS Super Polymer.

## PRIMER COAT

### CCS Stylepave Overlay System

1. Prime the surface of the concrete using a solution of CCS Super Polymer and water at the rate of one part polymer to four parts water.
2. Allow the primer coat to dry. Note: The base coat of CCS Resurfacing Compound must be applied within 12 hours of priming the concrete.

## PRIMING FOR CRACK/MORTAR REPAIR

1. Repair significant cracks in accordance with accepted techniques using appropriate repair materials such as silica sand and the CCS Epoxy Repair Kit.
2. Ensure significant cracks are saw cut nearby or directly below the original crack allowing for movement within the concrete.
3. Prime the surface of the concrete using a solution of CCS Super Polymer and water at the rate of one part polymer to four parts water.

## FILLING PINHOLES AND BLOW HOLES

### Honed Concrete

1. Dilute one part polymer to three parts water.
2. Commence by diamond grinding the surface until a layer of cement dust forms on the floor. Pour the diluted mixture onto the cement dust (work within small areas at a time) with a watering can.
3. Work the mixture into the surface with a rubber squeegee ensuring that a consistent paste like consistency is retained at all times.

**Note:** We recommend that the treated areas be immediately squeegeed to ensure all holes are filled.

Allow a minimum of 24 hours before removing polymer residue from the surface using diamond grinding equipment.

## CLEANUP

Clean all equipment and tools with water after use.

## STORAGE

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

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## **USER RESPONSIBILITY-PRODUCT SELECTION AND COMPATIBILITY**

CCS warrant that their manufactured product is free from defects as well as being suitable for the purpose for which it is intended as long as it has been used and applied in accordance with the most current Technical Data Sheet from CCS.

In practice, differences in materials, substrates and actual site conditions require an assessment of product suitability for the intended purpose.

The user is responsible for checking the suitability of products for their intended purpose.

Further, combinations of products that form a total system are often required to service particular applications. Due to the multitude of products available to service an application, only products from the CCS system of products must be used in combination with this product to ensure it will be suitable for the purpose for which it is intended.

The product must also not be mixed or used in combination with any other product which is not a product supplied by CCS.

**For further information consult the Safety Data Sheet and read the product label carefully before use.**

**Safety Data Sheets are available from [www.concretocoloursystems.com.au](http://www.concretocoloursystems.com.au) or by calling 1800 077 744.**

**Please note:** The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses. To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexperienced or negligent application, or ordinary wear and tear. Service or advice given by our staff should not amount to responsibility for the project - since the owner or their contractor (and not River Sands), is responsible for the procedures relating to the application of the product.