

CCS Ultra Epoxy WB (Water Based)

DESCRIPTION

CCS Ultra Epoxy WB is a high performance, two component water based epoxy coating system available in white and five standard colours.

The product contains low volatile organic compounds (low voc) and is **Green Star IEQ-13 compliant**.

CCS Ultra Epoxy WB is designed for internal floor applications where durability and chemical resistance is required.

Should a colour be desired, specially formulated tint packs can be added to the neutral base and are available in the following colours:-

- Beige
- Light Grey
- Mid Grey
- Dark Grey
- Black

RECOMMENDED SUBSTRATES

- Decorative and flake flooring.
- As a low odour, hard wearing, chemically resistant coating for industrial, commercial and hygiene areas subjected to rigorous cleaning and high wear.
- As an abrasion and solvent resistant floor coating.
- Can be used in wash rooms and shower cubicles.
- For industrial use in facilities such as hospitals, schools and kitchens.

PACKAGING

CCS Ultra Epoxy WB is available in 10 and 20 litre kits consisting of:-

Neutral & White 10 litre Kit:-

Part A – Base – 7.5 litres

Part B – Hardener – 2.5 litres

Neutral & White 20 litre Kit:-

Part A – Base – 15 litres

Part B – Hardener – 5 litres

Colour Tint Packs:-

500mls (add one tint pack per 10 litre kit).

COVERAGE RATES

3-5m²/litre/coat

APPLICATION METHOD

Apply CCS Ultra Epoxy WB with a 18mm nap roller, brush or airless sprayer.

PREPARATION

All surfaces to be treated should be structurally sound and all previous coatings, adhesives, efflorescence or laitance should be removed by mechanical grinding or abrasive blast cleaning, high pressure water blasting, mechanical scrubbing or other suitable means.

Holes, non-structural cracks and other surface deformities should be repaired using ACS Rapid Patch in accordance with the technical data sheet. New concrete floors should be at least 28 days old before applying CCS Ultra Epoxy WB.

FIRST COAT

1. Using a **mechanical mixer**, premix each individual component (ie: Part A and Part B) until homogenous. **Note:-** Please ensure you always clean the mixer between mixing (to eliminate cross contamination and already cured product being mixed with new batches).
2. If a colour is desired, add one 500 ml Tint Pack (for the 10 litre kit) or two 500 ml Tint Packs (for the 20 litre kit) to the Part A – Neutral Base. Stir with a **mechanical mixer** for 1-2 minutes, scraping the product downwards from the inside of the container.

3. Add the Part B - Hardener to the Part A - Base and mechanically stir for 1-2 minutes. Scrape product downwards from the inside of the container and mechanically stir for a further 1-2 minutes.

Note:- Please ensure you clean the mixer thoroughly before commencing the next step.

4. Leave material to stand for 2-5 minutes before application and only mix as much as is likely to be used within the pot life of the product. (ie: The pot life of the product is approximately 45 minutes, depending on climatic conditions).
5. Apply the first coat of CCS Ultra Epoxy WB by roller at a rate of 3-5m² per litre.
6. To provide a textured surface that will enhance traction, apply CCS Glass Bead to the first coat of CCS Ultra Epoxy WB whilst still wet. Apply at a heavier rate of 3m²/litre.
7. Allow the first coat to dry for a minimum of 12 hours. Remove excess glass bead with a broom or an industrial vacuum.

SECOND COAT

Apply the final coat of CCS Ultra Epoxy WB in a uniform manner. **Note:-** It is imperative that you use a clean bucket and clean mixer before commencing mixing and application of the second coat.

CLEAN UP

Wash all equipment in water or a water/detergent mix immediately on completion of application and mixing.

Note: CCS Ultra Epoxy WB will cure under water; hence ensure dirty equipment is not left soaking in water.

CURING TIME

Allow the surface to cure for at least 24 hours before subjecting it to pedestrian traffic, 72 hours before allowing vehicular traffic and 5-7 days before subjecting it to chemicals or severe abrasion.

STORAGE

Store between 10°C and 30°C away from direct sunlight. Partly used containers must be sealed tightly when not in use.

For further information consult the **Material Safety Data Sheet** and read the product label carefully before use. **Material Safety Data Sheets** are available by phoning **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, inadequate 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 procedures relating to the application of the product.



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