

# CCS TRIPLEKOTE FLAKE EPOXY WB

Primer/Sealer/Base Coat



March 2022

## DESCRIPTION

CCS TripleKote Flake Epoxy WB is a new and innovative two-part, water-based epoxy coating system specifically designed for use in flake flooring systems. It is a combined pre-tinted primer, sealer and base coat that allows for rapid flake flooring installations.

CCS TripleKote simplifies the flake flooring installation process and provides the applicator with a system that requires one less product and considerably less time at each job thereby making each job far more profitable.

## FEATURES

- Combined primer, sealer and base coat
- Substantial product and time savings
- Pre-tinted in two Australian Standard 2700 colours: N35 Grey and N14 White
- Water based – low VOC
- Excellent adhesion
- Low odour formulation
- Easy clean up

## USES

For use with all flake flooring systems.

## PACKAGING

CCS TripleKote Flake Epoxy WB is available in an 8 litre kit.

Part A: Base – 4.8 litre

Part B: Hardener – 3.2 litre

## COVERAGE RATES

To ensure adequate product build and decorative flake adhesion TripleKote must be applied at a maximum rate of 3m<sup>2</sup> per litre. Insufficient use and volume of TripleKote can lead to patches caused by inadequate decorative flake adhesion.

## PERFORMANCE PROPERTIES

*Refer to Guidelines for CCS Stylepave Base Mix with Polymer Resurfacing Compound.*

## APPLICATION RATES

The rate of application depends on the service conditions that the concrete will be exposed to. Recommended rates are as follows:

Domestic driveways, paths and car parks with 3kg/m<sup>2</sup> for vehicular traffic under 3 tonnes.

|                              |                                 |
|------------------------------|---------------------------------|
| <b>APPEARANCE</b>            | Viscous Liquid                  |
| <b>COLOUR</b>                | White, Grey                     |
| <b>FINISH</b>                | Semi-Gloss                      |
| <b>SOLIDS</b>                | Approx. 50% when mixed          |
| <b>SPECIFIC GRAVITY</b>      | Approx. 1.25 @ 25°C             |
| <b>MIXING RATIO</b>          | 3:2 vol.                        |
| <b>DRY FILM THICKNESS</b>    | 160 micron                      |
| <b>USAGE</b>                 | 3m <sup>2</sup> /L @ 160 µm DFT |
| <b>POT LIFE<sup>#</sup></b>  | Approx. 45 mins @ 25°C          |
| <b>FULL CURE<sup>#</sup></b> | 5 days @ 25°C                   |

## SURFACE PREPARATION

All surfaces to be sealed must be structurally sound and any previous coatings such as curing compounds, adhesives, efflorescence or laitance should be removed by mechanical grinding or abrasive blast cleaning, mechanical scrubbing or other suitable means.

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

## Hot Tyre Pick-Up/Oil/Contamination

For existing concrete floors where paraffin from parked tyres has migrated into the concrete and oil or other spills are evident it is essential that those areas are thoroughly cleaned using hot water and CCS HD Degreaser to ensure removal of contaminants BEFORE grinding or abrasive cleaning takes place. Proper bonding between the epoxy and substrate is required to prevent hot tyre pick-up and delamination of coatings. Please contact our office for more information on how to prevent hot tyre pick-up.

All surfaces should be dry and clean before application.

## APPLICATION

Apply CCS TripleKote Flake Epoxy WB with a good quality 12mm nap roller to ensure adequate product is applied to the surface being coated.

The product must be mixed prior to application in a mixing ratio of 3:2 (3 parts Part A to 2 parts B) Part B must be added to Part A, then thoroughly mixed for 2 minutes until the blend has a uniform consistency. It is preferred that mechanical mixing is used for best finished product consistency.

1. Using a mechanical mixer, premix each individual component (i.e. Part A and Part B) until homogenous.

**Note:** Please ensure mixer apparatus is cleaned between mixing Part A and B (to eliminate cross contamination and cured product being mixed with new batches).

2. Add Part B (Hardener) to Part A (Base) and mechanically mix for 1 minute. Scrape product downwards from the inside of the container and mechanically mix for a further 1 minute.
3. Only mix as much as is likely to be used within the pot life of the product which is approximately 45 minutes. Please note leaving the mixed epoxy (A+B) in a bucket or confined mixing vessel will greatly reduce the pot life of the product. Once Part A and Part B are mixed sufficiently pour mixed epoxy onto the floor for spreading by roller and pour remaining mixed epoxy into a roller tray.

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4. If the surface is quite porous after preparation the addition of 5% water to the mixed product is recommended, i.e. 400mls of water to 8 litres of mixed TripleKote.
5. Apply a generous single coat of CCS TripleKote Flake Epoxy using a good quality 12mm nap roller at a rate of 3m<sup>2</sup> per litre.
6. Broadcast decorative flakes directly into the applied coating whilst wet. Allow to completely dry before attempting to scrape flake pieces.

## Special Application Notes:

Avoid low surface air temperatures as well as high humidity as this will increase drying time and curing rate.

Do not apply below 10°C or above 85% relative humidity. Ensure adequate air movement.

Avoid climatic conditions with relative humidity >85%, object/air temperature <10°C as they will greatly affect drying and curing speed.

Discard any unused material after exceeding the pot life. The pot life is approximately 45 minutes. There is a visible potlife with strong visible thickening. Set a clock to determine end of pot life.

Discard any leftover mixed material after this time. Epoxies yellow under the influence of UV light. Only for interior use when used on its own.

## CURING

Allow the surface to cure for at least 24 hours before subjecting it to pedestrian traffic, 96 hours before allowing vehicular traffic and 5-7 days before subjecting it to chemicals or severe abrasion.

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

**Note:** CCS TripleKote Flake Epoxy WB will cure under water; hence ensure dirty equipment is not left soaking in water. Clean all equipment immediately with water.

## STORAGE

CCS TripleKote Flake Epoxy WB components should be stored between 5°C and 30°C. Keep containers closed at all times. Avoid contact with skin and eyes absolutely. Keep away from foodstuffs, drinks and tobacco.

## 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.