

# CCS Decrathane Semi-Gloss

## DESCRIPTION

CCS Decrathane Semi-Gloss is a **low VOC (Green Star IEQ-13 compliant)** single-pack, water based polyurethane coating specifically formulated for concrete, porous natural stone and tiles. It is an ideal surface coating for environments where application of solvent based products is restricted.

CCS Decrathane Semi-Gloss provides an attractive semi-gloss finish with durability, flexibility and excellent resistance to marking.

## RECOMMENDED USES

- Warehouse floors.
- An integral component of the CCS Galaxy Coating System.
- Polished concrete (CCS Platinum Polish System).
- High traffic areas and car parks.
- Porous natural stone and tiles.
- Exposed and decorative concrete in domestic situations.

## PACKAGING

CCS Decrathane Semi-Gloss is available in a 20 litre drum.

## COVERAGE RATES

Coating	m <sup>2</sup> /litre
First Coat	16 -20m <sup>2</sup> /ltr
Second Coat	20 -25m <sup>2</sup> /ltr
Third Coat	20 -25m <sup>2</sup> /ltr

A minimum of two coats should be applied. application method CCS Decrathane Semi-Gloss can be applied with a low pressure sprayer, however, for best results, we recommend using a lambswool applicator or short nap mohair roller.

## PREPARATION

### • Existing Concrete

To ensure all surface contaminants are removed, apply CCS HD Degreaser or CCS Citric Cleaner to the surface, removing any oil stains.

Scrub the surface with auto scrubbing equipment or use a high pressure water cleaner to remove contaminants, ensuring all traces of the degreaser are thoroughly removed.

### • Over New Concrete

Fresh concrete which has not been treated with CCS Same Day Sealer or a curing agent should be left to cure for a minimum of 28 days prior to application of sealer.

Remove all oil, grease and dirt using CCS HD Degreaser.

Thoroughly wash the surface using auto scrubbing equipment or a commercial high pressure water cleaner.

Where efflorescence or laitance is present a mild citric cleaner wash may be required. Use CCS Citric Cleaner as per the label and data sheet instructions. Acid washing is not recommended on concrete pavers.

All concrete surfaces must be thoroughly dry before applying any sealer.

### • Resealing Concrete

Concrete surfaces that have been previously sealed must be prepared by removing all loose or delaminated material.

The entire surface should then be solvent scrubbed with CCS Solvent prior to immediate application of CCS Decrathane Semi-Gloss.

If the existing sealer is flaking/peeling, it is necessary to completely remove the coating with CCS Enviro Stripper. Ensure the surface is thoroughly rinsed and dry before applying any sealer.

## FIRST COAT

1. Dilute the first coat of CCS Decrathane Semi-Gloss by 10% and apply in a uniform manner to ensure adequate cover and a smooth finish. For smooth surfaces a lambswool applicator or a short nap mohair roller are the best application tools.
2. Do not apply the coating too thick as it may leave a cloudy film on the surface.
3. Allow the first coat to dry for at least two hours before applying the second coat.

## SECOND COAT

Apply the second coat of CCS Decrathane Semi-Gloss in the opposite direction to the first coat and allow to dry overnight.

**Note:** A third coat of CCS Decrathane Semi-Gloss is recommended for commercial and high traffic areas.

## CLEAN UP

Clean all equipment immediately with water. Cured material can be removed using a water soluble paint stripper or by mechanical means.

## CURING

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

## APPROPRIATE SURFACE TEXTURE

As a general statement, the application of a coating to concrete will reduce the existing slip resistance of that surface.

Consequently, care must be taken before sealing concrete to ensure that the surface texture has sufficient profile to provide adequate traction.

To aid traction, mix a satchel of CCS Sealer Grip additive into the sealer prior to application of the final coat. However, as the sealer wears, the traction additives will also diminish in effectiveness.

## MAINTENANCE SYSTEM

To reduce the wear and tear of CCS Decrathane Semi-Gloss we recommend that a sealer/polish, such as CCS Sheen, be applied. (See Technical Data Sheet for further information.)

CCS Decrathane Semi-Gloss should be allowed to cure for a minimum of 24 hours before applying CCS Sheen.

## PRECAUTIONS

CCS Decrathane Semi-Gloss should not be used as a waterproofing membrane or on areas subject to rising dampness.

## STORAGE

CCS Decrathane Semi-Gloss should be stored between 10°C and 30°C away from direct sunlight. The shelf life of the product is up to 12 months in the original unopened container. Tightly seal partly used containers 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, inexpert 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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