

CCS Stain Block

DESCRIPTION

CCS Stain Block is a high performance, silane based, deep penetrating sealer that provides long term protection to a variety of surfaces.

Containing a high concentration of special fluoro polymers CCS Stain Block not only repels water, but also effectively repels oil and organic based stains. It offers better protection against staining than traditional silicone based penetrating sealers.

The fluoro-polymers within CCS Stain Block work to chemically infiltrate the pores of the concrete or stone, to provide excellent resistance to stains. The result is a surface that is much easier to clean and maintain.

Due to its penetrating nature CCS Stain Block does not alter the colour of the surface, ensuring a natural look is retained. **Note:** A test area must be prepared and allowed to cure for 24 hours to determine the application rate and that the desired effect is achieved.

RECOMMENDED USES

- Concrete, concrete pavers or masonry surfaces.
- Footpaths and public walkways.
- Polished concrete (Stain Block is the final sealer within the CCS Platinum Polish System).
- Terrazzo floors.
- Polished porcelain and porous vitrified tiles
- Natural stone i.e. sandstone, limestone, granite, marble and travertine.
- Dining and alfresco eating areas.
- Plain, coloured and decorative concrete.
- Car parks and driveways.
- Urban landscapes.
- Pre-cast and tilt up panels.
- Swimming pool surrounds.

PACKAGING

CCS Stain Block is available in a 20 litre drum.

COVERAGE RATES

The total application rate is 5 - 20m² per litre depending on surface and surface porosity. A minimum of two coats are recommended for effective treatment.

In general, allow 2– 5m²/litre per coat for concrete, concrete pavers and sandstone.

For natural and composite stones (eg, limestone, terracotta, marble, granite, travertine, basalt, terrazzo and slate) allow 8-20m²/litre per coat.

NOTE: A test area must be prepared and allowed to cure for 24 hours to determine the application rate and to ensure the desired effect is achieved.

APPLICATION METHOD

CCS Stain Block should be applied undiluted using a brush, broom or lambswool applicator. **Note:** The concrete must be cured for a minimum of 28 days prior to application of CCS Stain Block.

PREPARATION

- All surfaces to be treated must be structurally sound and all previous coatings, curing compounds, adhesives, efflorescence or laitance should be removed by abrasive blast cleaning, high pressure water washing or mechanical scrubbing.
- Any dirt, grease, oil or other surface contaminants should be removed using CCS HD Degreaser.
- Repair any holes, non-structural cracks and other surface deformities in concrete with ACS Rapid Patch prior to sealing.

FIRST COAT

1. Apply the first coat to saturation point and allow sufficient time for penetration, making sure to fill all voids and surface irregularities.
2. When the surface becomes touch dry, or after one hour, apply a second coat as described in step one (above).
3. On denser surfaces like polished marble, granite and polished porcelain use a floor squeegee or microfibre mop to remove excess sealer from the surface. To polish the surface, use a dry micro fibre applicator or an automatic floor polisher with a white nylon floor pad.

CLEAN UP

Wash all equipment in CCS Solvent after use.

PRECAUTIONS

- CCS Stain Block is not designed as a waterproofing compound.
- Do not thin or dilute.
- Do not apply on damp or wet surfaces or when rain is likely.
- Ensure the sealed surface is protected from moisture for a minimum of six hours after application.
- Always prepare a test area and allow to cure for 24 hour to ensure consumption rates and appearance is acceptable.

STORAGE

Store between 10°C and 30°C away from direct sunlight. Shelf life is 12 months in original unopened container. Partly used containers must be sealed tight 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.



Concrete Colour Systems
A Division of River Sands Pty Ltd
683 Beenleigh Redland Bay Rd,
Carbrook Qld 4130
Ph: 07 3287 6444 Fax: 07 3287 6445
Toll Free Helpline: 1800 077 744
www.concretecoloursystems.com.au