

# CCS NATURAL SEAL SUPREME HV

March 2022

## DESCRIPTION

CCS Natural Supreme HV is a solvent based silane-siloxane penetrating sealer designed to protect both horizontal and vertical surfaces from the ingress of water and salts.

Once it penetrates the surface, CCS Natural Supreme HV will produce a hydrophobic bond.

Due to its penetrating capabilities CCS Natural Supreme HV does not change or alter the colour of the surface ensuring the original natural look of the substrate is retained.

## RECOMMENDED USES

- To protect and treat masonry, concrete, pavers, natural stone and tile from the ingress of water and water borne chemicals.
- Protection for reinforced concrete from salts and chlorides.
- For use on clean plain or coloured concrete, cement based renders, concrete pavers, clay bricks, sandstone, marble, limestone and travertine.
- Ideal for pre-cast panels, tilt-up panels and wall cladding.

## PACKAGING

CCS Natural Supreme HV is available in 20 litre drums.

## CURING

Allow the sealer to cure for at least 4–6 hours before subjecting to pedestrian traffic and 7 days for vehicular traffic, trolleys, wheel mounted bins or any other equipment that could impact or mark the surface. Please note that whilst the sealer is in the curing phase a slight residue may initially be felt underfoot.

## COVERAGE

Coverage is approximately 5m<sup>2</sup> per litre depending on surface porosity. A minimum of two coats applied to saturation, is recommended for effective treatment. A third coat may be required for very porous surfaces. A minimum of two coats are recommended for effective treatment however if the surface is particularly porous then additional coats may be applied until the point of saturation.

## SURFACE PREPARATION

### Concrete, Natural Stone and Porous Tile

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.

## APPLICATION METHOD

*This sealer requires a wet on wet application method. Wet on wet means that the second or following coats of sealer are applied whilst the first or previous coat is still wet. A second or following coats cannot be applied to a previous coat that has dried otherwise the second or following coats will not be able to penetrate into the substrate as required and dry atop the previous coat/s leaving a cloudy appearance.*

### Concrete, Natural Stone and Porous Tile

CCS Natural Supreme HV should be applied undiluted using a low pressure sprayer, brush, broom, or lambs wool applicator.

If using a low pressure sprayer, ensure that you also work the product into the surface using a lambs wool applicator.

**Note:** Concrete must be cured for a minimum of 28 days before applying CCS Natural Supreme HV.

1. Apply the first coat to saturation point and allow sufficient time for penetration, making sure to fill all voids and surface irregularities.

**Note:** If using a low pressure sprayer, ensure that the product is worked into the surface using a lambs wool or microfibre applicator. Should ponding or pooling occur, immediately wipe off excess product or work the product into the surface.

2. Apply a second or subsequent coats whilst the first or previous coats of sealer are still damp (wet on wet) as described in step one (above), again ensuring that no ponding or pooling occurs as this may lead to a patchy appearance and other related issues.

## CLEAN UP

Clean tools and equipment using CCS Solvent.

## PRECAUTIONS

- CCS Natural Supreme HV is not designed as a waterproofing compound.
- Do not thin or dilute the sealer.
- Do not apply on damp or wet surfaces.
- Ensure the sealed surface is protected from moisture for a minimum of six hours after application.

## STORAGE

Store between 10°C and 30°C away from direct sunlight. Best used within 12 months from date of manufacture. Partly used containers must be sealed tightly when not in use.

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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.concretecoloursystems.com.au](http://www.concretecoloursystems.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.