

CCS LIQUID RELEASE AGENT

March 2022

DESCRIPTION

CCS Liquid Release Agent powder is formulated to both impart colour and act as a bond breaker between wet concrete and the textured mats used in creating CCS Patterned Stamped Concrete.

CCS Liquid Release Agent is available in clear, black and terracotta.

The unique additives within the CCS Liquid Release Agent are intensively blended during manufacture to eliminate colour streaking and balling so that a consistent colour is achieved.

To create a two-tone colour effect, the release agent colour chosen should be darker than the CCS Colour Hardener base colour or the CCS Integrally Coloured Concrete.

CCS Liquid Release Agent can be used in conjunction with CCS Colour Hardeners or CCS Integrally Coloured Concrete.

COVERAGE

Approximately 100m² per 15 litres.

PACKAGING

The product is available in 15 litre drums.

COLOURS

- Clear
- Black
- Terracotta

APPLICATION GUIDELINES

Set Up

Position plastic around walls, windows and doors to prevent staining of these surfaces with the coloured products.

Concrete

1. Make a request to the concrete producer to supply a special 'Patterned Concrete Mix'.
2. Place, screed and bull float the concrete.

Application of Colour Hardener

After the concrete substrate has reached the point where no excess moisture shows at the surface but while still plastic throughout, apply the colour hardener using the dry shake method as specified in the CCS Colour Hardener Data Sheet.

Alternatively order integrally coloured or full depth pattern concrete mix. Place the Integrally Coloured concrete as specified in the "Guideline for use - Integrally colour concrete".

Application of Release Agent

1. Stir contents of the CCS Liquid Release Agent well prior to use.
2. Pour the stirred CCS Liquid Release Agent into a suitable sprayer and set it to a fine spray setting.
3. When the concrete is ready to stamp, evenly spray CCS Liquid Release Agent over the mats.

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 no River Sands), is responsible for the procedures relating to the application of the product.

4. Next, apply CCS Liquid Release Agent over the surface to be stamped in approximately 20m² sections, adding more colour release to achieve a more prominent two-tone effect.

Note: Use clear release agent on very steep slopes to ensure the colour does not run. Then add in colour release with several fine sprays once pattern stamping has been completed.

WASH DOWN

Assess whether the slab has cured sufficiently (a minimum of three days) and then remove the release agent liquid using water pressure or scrubber.

SEALING

Where a CCS Coloured Liquid Release Agent is applied, to create a two-toned effect concrete, the concrete surface should be protected with a film forming sealer such as CCS Hi Build Enduro, CCS Hardseal Advanced or CCS Hardseal Matt.

Where a CCS Clear Liquid Release Agent is applied, the concrete surface may be protected with a film forming sealer or a penetrative sealer such as CCS Stain Block or CCS Streetscape. Apply CCS Sealer in accordance to product TDS.

STORAGE

When sealed in original, unopened container, in a cool, well ventilated environment, away from direct heat, the product should keep for up to 12 months.

Store CCS Liquid Release Agent away from strong oxidizing agents.

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 or by calling 1800 077 744.