

CCS MATTING ADDITIVE

March 2022

DESCRIPTION

CCS Matting Additive is a high performance white silica lightweight powder used in the final coats of solvent and water based sealers and coatings to reduce gloss levels.

CCS Matting Additive can be used with a range of clear and pigmented coatings such as water and solvent based polyurethanes, polyaspartics, epoxies and acrylics.

PERFORMANCE PROPERTIES

APPEARANCE	Light Powder
COLOUR	White
TOXICITY	Non Hazardous Substance
SPECIFIC GRAVITY	N/A

PACKAGING

CCS Matting Additive is available in a 250 gram plastic container.

DIRECTIONS FOR USE

CCS Matting Additive is used to reduce the gloss level of final top coatings.

IMPORTANT – CCS Matting Additive is only for use in the final top coat of a two (or multiple) coat system. For example, when sealing a surface apply the first coat/s per product application instructions without any CCS Matting Additive.

Only add CCS Matting Additive to the final top coat to reduce the gloss level of that final coat.

CAUTION – CCS Matting Additive is a lightweight powder and therefore care should be taken when opening. Only open in a still environment where there is no wind or air movement. Correct PPE should be worn before handling product, refer to SDS.

Single Pack Sealers and Coatings

Add CCS Matting Additive at the rate of 25 grams per litre, i.e. 250 grams per 10 litres.

Slowly add into the sealer or coating whilst mixing with a paint stirring blade, mixing paddle or similar.

Once the correct amount of CCS Matting Additive has been added mix vigorously by hand or by mechanical means until the CCS Matting Additive is completely dispersed.

Mechanical mixing is recommended for consistent results. Do not over aerate during mixing operations.

Allow mixtures with CCS Matting Additive to deaerate for 10 minutes before use.

Two Pack Sealers and Coatings

Add CCS Matting Additive at the rate of 25 grams per litre, i.e. 250 grams per 10 litres.

Slowly add into the Part A component of the sealer or coating whilst mixing with a paint stirring blade, mixing paddle or similar.

Once the correct amount of CCS Matting Additive has been added mix Part A vigorously by hand or by mechanical means until the CCS Matting Additive is completely dispersed. Following this add the Part B hardener and mix thoroughly again.

Mechanical mixing is recommended for consistent results.

Do not over aerate during mixing operations.

Allow mixtures with CCS Matting Additive to deaerate for 10 minutes before use or addition of hardeners.

GLOSS REDUCTION

The level of gloss reduction will depend on the type of coating used.

Other factors such as the ambient temperature, humidity and the porosity of the surface will all influence the final gloss level achieved.

For general guidance the addition of CCS Matting Additive will achieve a satin result overall.

DURABILITY

Coatings treated with CCS Matting Additive will continue to be serviceable provided addition levels do not exceed 25 grams per litre.

CHEMICAL STAIN ABRASION RESISTANCE

The use of CCS Matting Additive will slightly affect the resistance of coatings. However, testing indicates that for the recommended addition levels the change is minor. It is recommended that users with concerns about potential performance satisfy themselves with field testing prior to project use.

STORAGE

Protect CCS Matting Additive containers from physical damage. Store in a cool, dry well-ventilated location away from any area where the fire hazard may be acute. Avoid excessive heat, ignition sources and contamination with dirt and other foreign materials. Avoid contamination or inappropriate mixing with strong oxidising agents, peroxides, strongly caustic materials and metal corrosion products including rust. Store away from foodstuffs. Keep containers closed at all times.

SAFETY

DO NOT allow clothing with either dry or wet CCS Matting Additive to stay in contact with skin. Avoid all personal contact, including inhalation. Wear appropriate personal protective clothing and equipment when risk of exposure occurs. Use in a wellventilated still environment. Prevent concentration in hollows and sumps.

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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 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.