

# ECA CSR Sealer D

COLOR DEEPENING, WATER BASED IMPREGNATOR

## DESCRIPTION

ECA CSR Sealer D is a water-based impregnation product designed for deep color enhancement. It provides no lasting gloss effect and is delivered ready for use. This sealer forms a protective film, making it highly suitable for the long-term impregnation of concrete surfaces..

## USES

ECA CSR Sealer D is a water-based impregnation product designed for deep color enhancement and long-term preservation of concrete surfaces such as paving, precast elements, and cladding. It protects against liquid and oil-based contaminants and can be applied to both new and existing concrete surfaces. Ideal for enhancing color without completely sealing the surface, it is particularly effective on absorbent surfaces treated with surface retarders, acid washing, sandblasting, or hammering. However, it is not suitable for polished surfaces.

## ADVANTAGES

- Treated surfaces become resistant to dirt, oil, and water
- Offers UV resistance, weatherproofing, and reduces the impact of scum on concrete surfaces
- Enhances resistance to freeze-thaw and deicing salt effects
- Can penetrate deeply into concrete surfaces and exhibits good resistance to alkali reactions

## APPLICATION

**Application Conditions:** Temperature between 5°C and 35°C.

### Surface Preparation

Before applying ECA CSR Sealer D, ensure that the surface to be treated is meticulously cleaned to eliminate contaminants, scum, algae, moss, and any remnants of release agents from the formwork. A suitable cleaner should be used for this purpose. The surface should be allowed to dry completely before the application of ECA CSR Sealer D.

## TYPICAL PROPERTIES

Appearance:	White Liquid	
Specific Gravity (20°C)	1.01 ± 0.02	
Color	Aggregate Size	Exposure Depth
Turquoise	0 - 3 mm	ca. 0.2 mm
Blue	0 - 4 / 8 mm	ca. 0.5 mm
Brown	2 - 4 / 8 mm	ca. 1.0 mm
Green	4 - 8 / 10 mm	ca. 1.5 mm
Yellow	4 - 8 / 10 mm	ca. 2.0 mm
Red	6 - 9 / 12 mm	ca. 2.5 mm
Grey	8 - 11 mm	ca. 3.0 mm
White	12 - 16 mm	ca. 4.0 mm
Orange	16 - 22 mm	ca. 5.0 mm
Red-Violet	16 - 22 mm	ca. 6.0 mm

### Application Instructions

To achieve the best results, evenly and deeply apply the sealer to the surface using a roller, and the application should be carried out in a single operation.

### COVERAGE

The coverage of ECA CSR Sealer D is approximately 150 g/m<sup>2</sup> - 250 g/m<sup>2</sup>.

Consumption must be determined during the preliminary tests.

### PACKAGING

ECA CSR Sealer D is supplied in 20 kg containers.



## **STORAGE**

ECA CSR Sealer D should be stored in closed containers, protected from frost and dirt. Maintain a storage temperature of around 20°C and keep the containers away from direct sunlight.

The shelf life of ECA CSR Sealer D is 6 months from the date of production.

## **HEALTH AND SAFETY**

For more information, please check the Material Safety Data Sheet.

## **CONTACT**

Al-Faiha for Engineering Products is the exclusive licensee manufacturer for ECA.

For more information, please contact us at [techsupport@alfaihaengineering.com](mailto:techsupport@alfaihaengineering.com).

## **DISCLAIMER**

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.