

OPTEC EC-625

Color Enhancer

DESCRIPTION

OPTEC EC-625 admixture is a colour-enhancing and densifying concrete additive. It is formulated as a ready-to-use admixture to enhance the quality and appearance of low slump concrete products.

OPTEC EC-625 is formulated specifically for use in colour slurry coats applied to the exposed surfaces of machined concrete products. It improves colour, reduces efflorescence, increases durability and toughness, and imparts water repellence to the concrete surface.

BENEFITS

- Improves colour consistency
- Reduces efflorescence
- Improves surface durability
- Improves surface toughness
- Improves colour retention
- Reduces colour blotching
- Reduces need for acrylic sealer coats
- Improves water repellence

APPLICATION

- Plants producing concrete roof tiles
- May also be effectively used in the manufacture of concrete brick and block

INDICATIVE INFORMATION

Product Nature	liquid
Color	Green
Lifetime	12 months
Specific gravity (kg)	1,045 ± 0,010
pH	10,75 ± 1,75

PACKAGING

- Bulk
- IBC 1000L
- 205 L Drum
- Pail

METHOD OF USE

Dosage :

In roof tile slurry coat applications, the typical dosage rates of OPTEC EC-625 will normally range from 2,000 to 3,000 ml / 100 kg of cementitious materials including fly ash and other pozzolans. When used as a concrete admixture, the dosage rates typically range from 1,000 to 1,500 ml / 100 kg of cementitious materials. In all cases the dosage rate is dependent upon the specific set of materials used and the desired properties.

Maximum product efficiency is achieved by adding OPTEC EC-625 to the mixer with the final water, after the cement has been wetted. As with all admixtures, do not add OPTEC EC-625 to dry cement. Allow at least 90-120 seconds total mix time after the admixture has been added, depending on the efficiency of the mixing equipment that is being utilised.

Equipment :

Please contact your local Chryso representative for further information regarding the dispensing equipment for this product.

COMPATIBILITY

- Compatible with most of the concrete admixtures
- When using admixtures in combination, each admixture should be added separately to the mix

PRECAUTIONS

- OPTEC EC-625 contains no flammable ingredients
- OPTEC EC-625 will begin to freeze at approximately 0°C but can be used after thawing and thorough agitation. Do not use pressurised air for agitation

SAFETY

Prior to any use, please read carefully the Safety Data Sheet (SDS).