

# OPTEC® EC 912

Efflorescence reduction agent

## DESCRIPTION

OPTEC® EC 912 is an innovative admixture specifically formulated to enhance the overall appearance of architectural and hardscape concrete masonry units. OPTEC® EC 912, through its novel chemistry, improves colour vibrancy and controls both primary and secondary efflorescence. OPTEC® EC 912 provides a light swipe on the surface of the unit.

OPTEC® EC 912 improves the dispersion of the cement throughout the mix. Through this dispersion action, cement and consequently pigment reductions are possible. OPTEC® EC 912 improves the plasticity of the mix for improved machinability and reduced cycle times.

## BENEFITS

- Lowers water absorption
- Controls primary and secondary efflorescence
- Optimizes dosage efficiency
- Improves cement and pigment dispersion

## APPLICATION

- Architectural block, pavers, segmental retaining wall units
- Low slump concrete products with improved aesthetics

## INDICATIVE INFORMATION

Product Nature	liquid
Lifetime	12 months
Specific gravity (kg)	0,920 ± 0,010

## PACKAGING

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

## METHOD OF USE

### Dosage :

OPTEC® EC 912 is used at a dose rate of 130 to 260 ml / 100 kg total cementitious material. The dosage rate is dependent upon specific set of materials and the desired end properties.

OPTEC® EC 912 is typically added separately to the mix either on prewetted aggregates or any time after the cement has been "wetted out" and it should be mixed for a minimum of one minute, but preferably two minutes. Variables such as cementitious content, aggregate gradations, processing equipment and curing conditions may have an impact on the effectiveness of OPTEC® EC 912. Testing with local materials and production equipment is necessary to determine the end results.

### 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
- Not compatible with dry cement
- When using admixtures in combination, each admixture should be added separately to the mix

## SAFETY

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