

## Concrete Admixtures, Adhesives & Aids

# EDECON COLORPLAST

### DESCRIPTION

**Edecon Colorplast** is a pigmented, low-odor acrylic polymer emulsion designed for modifying Portland Cement compositions. The superior adhesion, UB and moisture resistance and increased mortar strength properties provided by previous acrylic emulsions have been complimented by improved sprayability in a custom pigmented low-odor formulation. **Edecon Colorplast** is available in a wide range of colors and can be custom tinted to match existing concrete or mortar.

### **Specification:**

### USES

The many performance features of **Edecon Colorplast** provide the product of exceptional versatility. Representative applications include:

- Regular-weight and lightweight spray-applied coatings.
- Tradition trowel-applied coatings.
- Basement water proofing coatings.
- General-purpose patching and repair mortars.
- Floor resurfacing and underlayments.
- Terrazzo
- Heavy use industrial/commercial cement flooring.

### ADVANTAGES

**Durability & Strength:** Cement mortars modified with **Edecon Colorplast** are hard, tough and durable to exterior moisture. Compared with unmodified mortars, acrylic modified mortars have superior flexural, tensile and impact strengths as well as excellent abrasion resistance and adhesion. These qualities are especially important in thin section applications (i.e., spray coatings, stuccos and underlayments) and applications where excessive vibration and heavy traffic are encountered.

**Adhesion:** Mortars modified using **Edecon Colorplast** have excellent adhesion to a variety of surfaces such as concrete, masonry, brick, wood, rigid polystyrene and polyurethane foams, glass and metals.

**Resistance Properties:** **Edecon Colorplast** modified mortars are uniform in color and resistant to discoloration due to exposure to UV light. The internal polymer matrix of **Edecon Colorplast** modified mortars provides excellent water resistance and decreased spalling, fissures and surface degradation due to repeated freeze/thaw cycles. These mortars are also resistant to many industrial chemicals.

### TECHNICAL INFORMATION

### PHYSICAL CHARACTERISTICS

pH	
Specific Gravity	
Weight per Gallon	
Weight per Liter	
Appearance	
H <sub>2</sub> O Solubility	
Odor	

### APPLICATION

**Edecon Colorplast** is ammonia-free, which eliminates a source of chemical irritation for field applications. This low-odor feature is especially beneficial for interior construction or repair projects. **Edecon Colorplast** has also been optimized to provide a longer mortar pot life - an important feature for warm weather, low humidity application conditions. Further, the emulsion properties have been improved to enhance the flow characteristics of the modified cement for spray-coat applications.

**Curing:** Unmodified mortars require laborious moist curing conditions for optimum strength properties. However, acrylic polymer-modified mortars do not require these conditions. For optimum physical properties, cement mortars modified using **Edecon Colorplast** should be air-cured at ambient temperatures and relative humidity.

### DOSAGE

### PACKAGING

All of our products are available in the following delivery container sizes:

- Sample Jug – 19 liter / ≈ 5 US gallon
- Sample Mini-drum – 57 liter / ≈ 15 gallon
- Drum/Barrel – 200 liter / ≈ 53 gallon volume in a 55 US gallon drum
- Transport Tote – 1,000 liter / ≈ 263 US gallon
- Various Sized Tankers – available for bulk volumes

**WARRANTY:** The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages

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