

Concrete Admixtures, Adhesives & Aids

EDECON CEMCLOR

DESCRIPTION

Edecon Cemclor is a pigment based on natural and synthetic iron oxides used to impart permanent and durable colors to concrete and mortar. Our natural iron oxides are mined, refined and selected under the most careful scrutiny in order to produce the best visual and durable results. Carefully controlled chemical processes produce the synthetic type of iron oxides. Quality control is most important when considering color, uniformity and high strength.

Edecon Cemclor pigments are available in six colors, red, brick red, yellow, brown, black and green. The dosages and combinations are variable, depending on the specific requirements. For instance, tonal variations are achieved by varying the dosage. The quantity needed, therefore, depends on the specific tone required.

Specification:

USES

Edecon Cemclor can be used for garages, patios, stamped concrete, sidewalks, pools, platforms, tennis courts, parking lots, mortar joints, blocks, paving stones, concrete patches, stucco and ready-mix concrete.

ADVANTAGES

- Durable - resistant to solar and climatic attacks.
- Produces bright, intense colors.
- No adverse chemical reaction with cement.
- Low sodium content reduces efflorescence.

TECHNICAL INFORMATION

PHYSICAL CHARACTERISTICS

pH	
Specific Gravity	
Weight per Gallon	
Weight per Liter	
Appearance	
H ₂ O Solubility	
Odor	

APPLICATION

Colored concrete is made up of coarse and fine aggregate cemented with a paste into which has been blended pigments to produce specified colors and tones. Just as gray cement tends to obscure colors more than white cement, so does dark aggregate influence color. For this reason, in order to determine the exact final color using a given set of materials, we recommend making test panels. Panels can be made using varying proportions of pigment in order to graphically view the resultant colors. Colored concrete should cure for no less than seven (7) days.

Once the selection of materials and proportions are tested and established, subsequent mixes can be made to these specific formulae. Pigments should be batched by weight and not volume. Since the pigment must be evenly distributed, the preferred method is to mix the pigment with the dry components. Care should be taken to mix the concrete or mortar well and in a uniform manner from batch to batch.

Additives: Other concrete additives may be used with **Edecon Cemclor** as long as dosages are kept uniform from batch to batch. The use of an integral waterproofing agent, such as **Edecon Hydropel**, can be beneficial in order to maintain uniformity of color. Avoid the use of calcium chloride.

Finishing: Finishing should be done very carefully with broom or brush finish being preferable. Avoid over-working with wooden or metal floats and DO NOT add water to the surface for any reason.

Curing: Appropriate curing is mandatory during the first seven days in order to assure uniform color, density, impermeability and high strength. Avoid using plastic sheeting. Also, avoid wet-dry cycles before curing is complete.

DOSAGE

Edecon Cemclor can be mixed from 0.25 Lbs. to 9 Lbs. per 50 Lbs. t (0.11 kg to 4.1 kg per 45 kg) of cement.

PACKAGING

Edecon Cemclor is packaged in 5, 25, and 50 Lb. (2.27, 11.4, and 22.7 kg) bags.

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

www.edecon.net

