COLOR-CRETE 7/28
Pre-Packaged Powder Integral Color for Concrete

DESCRIPTION
COLOR-CRETE 7/28 is a concentrated color admixture available in 7 standard pigments that can produce 28 different shades by varying the number of bags per cubic yard (cubic meter) of concrete.

PRIMARY APPLICATIONS
- Base color for stamped concrete
- Manufactured concrete pavers
- Cast-in-place, tilt-up, pre-cast concrete
- Stucco, plaster

TECHNICAL INFORMATION
COLOR-CRETE 7/28 is composed of high-grade materials, including specific synthetic iron-oxide pigments chosen for intense, uniform color while exceeding ASTM C 979 specifications for integrally-colored concrete.

PACKAGING
COLOR-CRETE 7/28 is packaged in 6 lb (2.72 kg) bags. The inner, water-soluble bag contains a precise dose of pigment and can be added directly to ready-mix drums.

SHELF LIFE
Unlimited in original, unopened container.

SPECIFICATIONS/COMPLIANCES
Meets or exceeds ASTM C 979 requirements
Complies with ACI 303.1 Standard Specification for Cast-in-Place Architectural Concrete

DIRECTIONS FOR USE
Consult the Best Practices and Procedures Guide for Integrally-Colored Concrete.

MIX DESIGN
Use a minimum cement content of 470 lb/yd³ (280 kg/m³), which is a 5-bag mix. Design for the lowest slump that can be placed and finished, but no greater than 5 in (12.7 cm). Type II / V cement is preferred, and cementitious substitutes, such as fly ash or slag, are not recommended for color consistency. Do not use calcium-chloride admixtures. A test batch at the job site is recommended using at least a 3 yd³ (2.29 m³) mix. Use the same mix design, raw materials, placement, and finishing techniques that will be used on the actual job. Cement substitutes, or supplementary cementitious materials (SCM’s) like fly ash or slag, may affect the final appearance, physical characteristics and finishing of the integrally colored concrete. If the use of supplementary cementitious materials are specified, a batch test and a competent engineering assessment must be performed. If the use of supplementary cementitious materials are approved, they must be added to all colored concrete mixes on the project using the same color. Contact your local Euclid Chemical representative for suggestions.
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DOSSAGE: Please refer to Color–Crete 7/28 Color Chart (728-013 or CC-728)

<table>
<thead>
<tr>
<th>Color</th>
<th>Bags/</th>
<th>Yd³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light</td>
<td>1</td>
<td>1.52</td>
</tr>
<tr>
<td>Medium</td>
<td>2</td>
<td>0.76</td>
</tr>
<tr>
<td>Dark</td>
<td>4</td>
<td>0.76</td>
</tr>
</tbody>
</table>

BATCHING AND MIXING

Cement substitutes, such as fly ash or slag, are not recommended for integrally-colored concrete. Contact your local Euclid Chemical representative for suggestions.

For plant batching, add the head water to an empty drum, followed by the color and the aggregate. Mix for 5 minute or 75 revolutions. Add admixtures, fibers and cementitious materials. Continue mixing for 75 revolutions minimum.

For job site batching, add the pigment to the center of the mixer, being careful not to hit the mixing fins and dry drum. Mix for 75 revolutions. Do not add water.

Never add COLOR-CRETE 7/28 directly to an empty drum/mixer. For consistent batches, use the same mix design and slump from truck to truck. (If higher slumps are required, a water-reducing admixture may be used. Track the slump between batches, because different water-to-cement ratios can affect the final color. It is important to use the same cement, because different cements may be different shades of gray, thereby affecting the final color of the concrete.

FORMING & PLACING CONCRETE FOR VERTICAL SURFACES

Seal joints in forms for vertical surfaces. Water leakage at joints causes changes in water to cement ratio and discoloration near the leak.

**Precautions/Limitations**

- Concrete placed in the sun sets at a different rate than concrete in the shade. This may cause differences in color. If possible, time the pour to avoid having sunlit and shaded areas.
- Do not add water to the surface during finishing operations. Added water may create a blotchy surface.
- High slumps may result in non-uniform color.
- Do not use calcium-chloride admixtures.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.