



COLOR-CRETE™ 7 FOR 28

PRE-PACKAGED POWDER INTEGRAL COLOR FOR CONCRETE

DESCRIPTION

COLOR-CRETE™ 7 FOR 28 is a concentrated color admixture available in 7 standard pigments that can 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
- Cast-in-place, tilt-up, pre-cast concrete
- Manufactured concrete pavers
- Stucco, plaste

TECHNICAL INFORMATION

COLOR-CRETE 7 FOR 28 is composed of high-grade materials, including specific synthetic iron-oxide pigments chosen for intense, uniform color while exceeding ASTM C979 specifications for integrally-colored concrete.

PACKAGING

COLOR-CRETE 7 FOR 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 C979 requirements

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 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 patch 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.

DOSAGE: Please refer to COLOR-CRETE 7 FOR 28 Color Chart (728-013 or CC-728)

Light	1 bag/2 yd ³ (1.52 m ³)
Medium	1 bag/1 yd ³ (0.76 m ³)
Dark	2 bags/1 yd ³ (0.76 m ³)
Heavy	4 bags/1 yd ³ (0.76 m ³)

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 FOR 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

- Use with adequate ventilation. Keep away from all sources of ignition. If solvent odor is objectionable, use a water-based, low-odor product.
- Material will not freeze in storage but should be allowed to rise to 50 °F (10 °C) or more before use.
- Do not apply when concrete surfaces or ambient temperatures are below 40 °F (4 °C), or if rain is expected within 12 hours after application. Application in hot, direct sunlight or when concrete or air temperatures are >95 °F (35 °C) can cause bubbling.
- Excessive build-up of CLEAR SEAL™ or allowing product to puddle during application can lead to bubbling and discoloration.
- Do not thin.
- Do not apply over curing compounds. Complete removal is necessary before applying CLEAR SEAL.
- Not resistant to gasoline or other automotive fluids.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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