

CONCRETE COLORS

Master Format #: 03 05 10

INCRETE COLOR-CRETE MORTAR COLORS

ADMIXTURE FOR COLOR CONDITIONED GROUTS & MORTARS



EUCLID CHEMICAL

PACKAGING

2 lb (0.90 kg) bags. Packaged 24 bags per case.

YIELD

Varies by color and cement content. See color chart, Integral color best practices, or check with Euclid rep for more details. The color chart was developed using one 2lb bag of color per 80lb bag of mortar. Your color may vary.

APPEARANCE

Powder, 12 standard colors. Custom colors are also available upon request (minimums apply).

CLEAN UP

Clean tools and equipment with water before the material hardens.

SHELF LIFE

Unlimited in original, unopened container.

SPECIFICATIONS AND COMPLIANCES

ASTM C 979
ACI 303.1

BRIEF OVERVIEW

INCRETE COLOR-CRETE MORTAR COLORS is a concentrated color admixture, specially formulated for use with cementitious grouts and mortars. INCRETE COLOR-CRETE MORTAR COLORS is designed to be used in all cementitious materials, producing a wide variety of color. These premeasured units provide uniform color throughout when used with local mortars and lime / portland mixtures.

PRODUCT CHARACTERISTICS

ADVANTAGES

- High tint strength
- UV and weather safe
- Consistent, accurate color
- Pure synthetic iron oxides
- Mixes and blends easily
- 12 standard colors
- Custom color matching services

COMMON USES

- Mortars and stucco
- Brick and colored block
- Natural stone
- Vertical and horizontal
- Interior and exterior
- Ceramic or porcelain tile

COMMON METHODS

- Mixed in as a mortar admixture

PHYSICAL PROPERTIES

- A pigmented powder, resulting color will have a different appearance as it is mixed with mortar.
- Working time and set time depend on job site variables and include: temperature, humidity, and grout and mortar mix design among other things.

TECHNICAL INFORMATION

INCRETE COLOR-CRETE MORTAR COLORS 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.

DIRECTIONS FOR USE

MIXING

Avoid hand mixing, a mechanical mixer should be used. To provide uniform color and workability, do not overload your mixer. Load 3/4 amount of water and 1/4 amount of sand. Add Portland / lime mixture or masonry cement, then add the proper amount of INCRETE COLOR-CRETE MORTAR COLORS. Slowly add remaining amount of sand and water, running machine for a minimum of 5 minutes and until a uniform color and desired consistency is achieved. Avoid adding additional water. Water consistency should be maintained throughout the entire project. Consistency in raw materials and water volume from batch to batch is important in achieving consistent final color. The Color-crete Mortar Colors color chart was developed using one 2 lb bag of color per bag of store bought mortar/grout. Your final color will vary depending on raw materials, type, and brand of grout used.

FINISHING

As important as mixing consistent batches is to the final color, so is the finishing process. Begin tooling when the mortar has a thumb print consistency. Too soon can create a lighter smeared looking joint. Too late or over-tooling may result in a darker surface.

EFFLORESCENCE

Efflorescence is caused by water soluble minerals in the mortar rising to the surface during curing and results in a lighter or hazy looking color in the joint. To reduce the occurrence of efflorescence, keep the following in mind:

- Only use the smallest amount of water necessary to achieve the desired mix consistency.
- Wall design and construction should allow for proper drainage.
- Cover finished sections of wall with a tarp to protect from rain.
- A tooled joint is tighter and less porous, slowing possible moisture mitigation.
- Avoid acids when cleaning the masonry wall.

CLEANING

Staining and efflorescence can be cleaned using INCRETE JET PHOS as directed after 14 - 28 days of curing. The use of muriatic acid or a strong masonry cleaner is NOT recommended as it can "open" the porosity of the tight tooled joint. This will alter the color and increase the susceptibility of future efflorescence. In order to remain as consistent as possible, the entire wall should be cleaned at once. Even if only one section needs cleaning. No matter what cleaner is used, a thorough rinsing to remove all cleaning chemicals and residue is very important.

PRECAUTIONS/LIMITATIONS

- Mortar placed in the sun sets at a different rate than mortar in the shade. This may cause differences in color. If possible, time the pour to avoid sunlit and shaded areas.
- Do not add water to the surface during finishing operations. Added water may create a blotchy or lighter surface.
- High slumps may result in non-uniform color.
- Do not use calcium-chloride admixtures.
- Do not use more color than 10% of the total weight of cementitious materials.
- For professional use only
- In all cases, consult the Safety Data Sheet before use

Rev. 02.23

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.