

CONSTRUCOLOR® B06-AA091

LIQUID-GEL INTEGRAL PIGMENT FOR CONCRETE AND MORTAR

Technology Solutions for the Construction Industry

GENERAL INFORMATION

CONSTRUCOLOR®'s B06-AA091 is a thixotropic liquid-gel pigment, solvent free and environmentally friendly, formulated with carbon black, specially designed for the integral and uniform coloring of cement mixes.

This pigment is highly resistant to sunlight (UV) and alkalinity, allowing color durability over time. However, carbon black may "wash out" with rain or running water, so we recommend sealing exposed surfaces. We suggest using CONSTRUCOLOR®'s acrylic sealers S01-AA046 and S02-AA052.

B06-AA091 does not adversely affect concrete or mortar. The pigments used comply with ASTM C979 (Standard Specification Pigments for Integrally Colored Concrete).

APPLICATIONS

CONSTRUCOLOR® B06-AA091 disperses easily in cement mixes, plaster, and clay. It is ideal for integrally colored castings such as floors, precast elements, columns, bridges, curbs, sidewalks, blocks, pavers, ornaments, sculptures, etc.—making possible a wide variety of color combinations, finishes and forms.

USAGE

CONSTRUCOLOR® B06-AA091 is easy to use and can be added at any stage during mixing, either dispersed in water or directly with cement and aggregates. Dosage is calculated as a percentage of the total cementitious content, added by weight either manually or with an automatic dosing system.

B06-AA091 can be mixed with other CONSTRUCOLOR® pigments to create different colors or tones. It is also compatible with CONSTRUCOLOR® products such as Sealers, Overlay Systems for Floors and Walls and the Permeable Concrete Additive.

Changes in water content, aggregate types, or cement color may cause tone variations in concrete or mortar. The curing method, surface finish technique, and texture can also affect the final color.

Do not apply water to the surface during finishing. Do not use water, plastic sheeting, or tarps for curing, except for wet curing blankets. You may also use a transparent, colorless curing membrane (we recommend CONSTRUCOLOR® Sealer S02-AA052 and Membranes CC-AA698 [Acrylic] and CC-AA650 [Paraffin-based]).

Whether B06-AA091 is added during the initial concrete/mortar mix or afterward, three minutes of mixing is sufficient for full dispersion. If added post-mix, rotate the drum three times as if pouring, and return the contents to ensure the pigment that may have remained on top is fully integrated.

USE WITH ADDITIVES

CONSTRUCOLOR® B06-AA091 has shown no incompatibility with commonly used cement additives, except calcium chloride. However, testing is recommended prior to use.

When using CONSTRUCOLOR® B06-AA091 with concentrated additives, avoid adding them simultaneously to prevent high-concentration blending. First, add the pigment and confirm it is well dispersed before introducing the additive.

Slump: During the first drum mix, reserve some of the planned water to adjust slump after adding B06-AA091. Subsequent batches should follow the same ration as the first.

Air Content: The carbon black in B06-AA091 may introduce air into the mix. Verification is recommended.

This product is for professional use only.

YIELD

Yield depends on desired color intensity and the mix characteristics (color and granulometry of aggregates). It is generally recommended to add 1% to 5% of B06-AA091 by weight of the cementitious content. Appropriate dosage should be confirmed through testing under normal working conditions. A color chart is available as a reference.

PACKAGING

CONSTRUCOLOR® B06-AA091 is packaged in pre-measured pails for easy dosing based on the cubic meters per batch. Unopened containers may be stored for up to one year at temperatures between 41°F to 104°F.

PRECAUTIONS

The Material Safety Data Sheet is available upon request.

WARRANTY

CONSTRUCOLOR® guarantees consistent quality control in the manufacture of B06-AA091. All recommendations and information are based on data obtained through controlled testing. However, application conditions and usage are entirely under the user's control. Therefore, it is the user's responsibility to test the product and verify its suitability for their intended application. CONSTRUCOLOR® makes no express or implied warranty regarding the results.

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