

CONSTRUCOLOR® B05/B06

LIQUID-GEL PIGMENT FOR INTEGRAL COLORING OF CONCRETE AND MORTAR

Technology Solutions for the Construction Industry

GENERAL INFORMATION

CONSTRUCOLOR® Pigments are thixotropic, solvent-free and environmentally friendly gels, specially formulated for integral coloring of concrete and mortar. CONSTRUCOLOR® B05 and B06 are produced under rigorous quality standards. The pigments used to create our CONSTRUCOLOR® Liquid Gels B05 and B06 comply with ASTM C979 (Standard Specification for Pigments for Integrally Colored Concrete).

CONSTRUCOLOR® Liquid-Gel Pigments B05 and B06 are pre-dispersed, highly resistant to sunlight, bad weather, alkalinity and other environmental conditions. Liquid-Gel Pigments B05 and B06 conserve their color integrity in concrete and mortar. They do not have adverse effects on the desired structural characteristics of concrete, some of them even contribute to improve its resistance.

Unlike B05 CONSTRUCOLOR® Pigments; B06 Pigments include B06-AA009, a pigment that is manufactured using carbon black. Carbon black can fade, it is recommended to be sealed to prevent fading under streaming water. We recommend using CONSTRUCOLOR®'s S01-AA046 and S02-AA052 sealers.

USES

CONSTRUCOLOR® B05 Liquid-Gel Pigments easily disperse in cement mixtures, cast and clay; obtaining an integral coloring pouring on floors, pre-cast, columns, beams, bridges, sidewalks, blocks, cobblestones, ornaments, sculptures, etc.

UTILIZATION

CONSTRUCOLOR® B05 and B06 are easy to use and can be added at any time during the mixing process, dispersed in water or directly on cement and aggregates.

The dosage is calculated as a percentage of the cement and fly ash in the mixture, making it possible to be added according to the weight, either manually or through automatic dispensing equipment. For mixtures without cement the dosage is established as a percentage of the total weight of the mixture. In general, it is recommended the usage of CONSTRUCOLOR® B05 and B06 Pigment be between 1% and 10%, in proportion to the weight of the cement and fly ash used. The B05 and B06 Pigments can be combined to obtain a variety of colors and tones.

PERFORMANCE

For uniform batch-to-batch coloring, concrete mix formulations should be consistent. Variations in the quantity of water (slump) or aggregates according to cement, changes in the cement or aggregates' color can cause a change in the final color of the concrete or mortar. The type of curing, forming and finishing techniques, as well with the texture may contribute to slight variations of the finished color.

USE WITH ADDITIVES

CONSTRUCOLOR® Pigments will not compromise the integrity of any additives commonly used in the production of concrete, cast or clay, except for Calcium Chloride. It is advised that a spot test should be performed before using it as an additive the first time.

PACKAGING & SHELF LIFE

CONSTRUCOLOR® Pigments are packaged in buckets of 4.7 lbs. and buckets of 23.5 lbs. Shelf life of the product is up to a year in its original closed container and in temperatures between 41°F (5°C) and 104°F (40°C).

NOTE

Before using or handling this product, read the Material Safety Data Sheet. It contains basic precautions and recommendations in reference to health and safety, which must be taken into account when handling this product.

MIXING TABLE

Based on 3,000 PSI or 5 Sack Portland Cement Mix

Color	Pail 4.7 lb. per 1 CY	Pail 23.5 lbs. per 5 CY
B	1	1
D	2	2
F	3	3
H	4	4

This product is for professional use only

DISCLAIMER: All information, recommendations and suggestions concerning CONSTRUCOLOR® products, are based upon reliable tests. However, it is the users responsibility to determine the safety, and suitability for their own use of the products described herein. Since the actual use by others is beyond CONSTRUCOLOR® control, no guarantee, expressed or implied, is made by CONSTRUCOLOR® as to the effects of such use, the results to be obtained, or the safety and suitability of the product.

CONSTRUCOLOR® also manufactures Water Repellents, Sealers, Self Leveling, Overlays and Additives