

CONSTRUCOLOR® B06-AA009

LIQUID-GEL INTEGRAL PIGMENT FOR MORTAR AND CONCRETE

Technology Solutions for the Construction Industry

GENERAL INFORMATION

CONSTRUCOLOR®'s B06-AA10 Integral Pigment is a thixotropic, solvent-free and eco-friendly liquid-gel that has been formulated using carbon black pigments that are special for an integral and uniform coloring of cement mixes.

This pigment is highly resistant to sun-light and alkalinity, which is why it allows for permanence of color through time, but it must be taken into account that carbon black can "wash-out" when exposed to rain and running water, which is why it's convenient to seal surfaces exposed to the aforementioned conditions. We recommend using CONSTRUCOLOR®'s Acrylic Sealers S01-AA046 and S02-AA052.

The B06-AA0010 pigment does not affect unfavorably concretes or mortars. Pigments used to fabricate the B06-AA009 comply with the ASTM C979 norm (Standard Specification for Pigments for Integrally Colored Concrete).

APPLICATIONS

CONSTRUCOLOR®'s B06-AA009 is of easy dispersion in cement mixtures, as well as in plaster and clay; hence achieving an integrally colored pouring for floors, pre-casts, columns, bridges, roadsides, sidewalks, blocks, cobblestones, decorations, sculptures, etc. Making it possible to have as many different combinations of colors, finishing's and figures as your imaginations allows.

USAGE

CONSTRUCOLOR®'s B06-AA009 is easy to use, it can be added at any moment during the fabrication of the mixture, either by dispersing it in water or directly to the cement and aggregates. Dosage is calculated as a percentage of the total of the cementitious contents in the mixture, adding it by weight through hand feeding or using an automatic dispenser.

The B06-AA009 Integral Pigment can be mixed with other CONSTRUCOLOR® pigments to obtain more colors or tones, it is also compatible with other CONSTRUCOLOR® products, such as S01-AA046 & S02-AA052 Sealers, our Overlays for floors and with the G02-AA191 Additive for Permeable Concrete.

Variations in water quantity or in the aggregates in relation to the cement, as well as changes in cement coloring and or the aggregates may cause variations in the final obtained color of the concrete or mortar. As well as the kind of curing, the way the surface is worked, and the texture can cause variation in the final color of the concrete or mortar.

Water must not be used for the fining of the surface. Do not use water, plastics or tarps for the curing, this in exception of wet curing blankets; a curing membrane can be used whenever it is transparent and colorless (we recommend using our CONSTRUCOLOR® S02-AA052 Sealer and Curing Membrane).

When mixing the first batch of the mixture in the concrete mixer, we recommend saving part of the water planned to be used for later since it can be used to adjust the slump after adding the B06-AA009 to the mixture. The next batches must be proportioned in accordance with what was established with the first one.

Weather the B06-AA009 is added to the mixer before or after the aggregates, it takes up to 3 minutes for the pigment to integrate itself uniformly to the concrete or mortar. In case that the B06-AA009 was

added after the aggregates and water, the concrete mixer must be elevated three times as if it were to pour the mixture, this will help the pigment to fully integrate with the concrete or mortar.

Consider that the B06-AA009 Liquid-Gel is exclusively for professional use.

PERFORMANCE

The performance of the product depends on the color and tone desired, as well as the characteristics of the mixture, colors and granulometry of the aggregates. Generally, it is recommended to add the B06-AA009 in a percentage of 1% and 5% over the weight of the cementitious contents. The correct percentage can be easily determined by testing under normal operating conditions. Our Color Chart offers a guide for all tones that can be obtained without product.

USE WITH ADDITIVES

CONSTRUCOLOR®'s B06-AA009 has not presented incompatibility with additives normally used in the elaboration of concrete mixtures with the exception of Calcium Chloride. Nonetheless, it is convenient to perform a small test before using it with an additive for the first time.

When using CONSTRUCOLOR®'s B06-AA009 in mixtures that have an additive in high concentration, as a precaution, it is recommended to not add them together in order to avoid their mixing in high concentration. It is convenient to dose the pigment and visually corroborate its dispersion in the mixture to then proceed to add the additive.

It is recommended to adjust the desired slump of the concrete or mortar after adding all additives and the pigment.

PACKAGING

CONSTRUCOLOR®'s B06-AA009 is packed in buckets with 23.5 lb. and 4.7 lb. Unopened containers can preserve the product up to a year in temperatures between 41°F and 104°F.

CAUTION

The Safety Material Data Sheet provided upon request has information about how to best use the product safely.

WARRANTY

CONSTRUCOLOR® guarantees constancy in quality control of the manufacturing of the B06-AA009 Liquid-Gel Integral Pigment. All information, recommendation and suggestions provided by CONSTRUCOLOR® in relation to its products, are based on data obtained through controlled testing, nonetheless, conditions of use, applications of our products and information interpretation remain under complete control of the user and not CONSTRUCOLOR®. Hence the importance of the user testing our products so to determine to their own satisfaction if they're convenient for the uses and applications they require. Reason why CONSTRUCOLOR® does not offer any express or implied guarantee over the results obtained with its products.