

DECOSUP LIQUID INTEGRAL COLORS



“The Innovating Company”

DECOSUP INTEGRAL COLORS PRODUCT DESCRIPTION

FEATURES AND BENEFITS:

DECOSUP LIQUID Integral colors are pure natural or synthetic pigments with no fillers or artificial adulterants. Consistently uniform from pail to pail, their extremely small particle size gives them the highest possible tinting strength. They are light fast, lime proof and weather resistant. DECOSUP colors meet ASTM C-979 and are formulated for mix-in only.

USES: Architectural Block, Cast Stone, Decorative and Imprinted Concrete, Poured in place Concrete, Freeway Sound Barriers, Sidewalks, Landscaping and many other applications

KEYS TO SUCCESSFUL COLORED CONCRETE:

The key to successful colored concrete results is adherence to approved concrete practices. Successful colored concrete requires more attention to detail, proper planning and above all UNIFORMITY than standard gray concrete. Uniformity of raw materials, site conditions, placing and finishing methods and curing are extremely important for quality concrete applications. The color should be accurately measured by weight or volume. Thorough mixing of the color with the other ingredients is necessary for consistent uniform color

BATCHING, PLACING, FINISHING AND CURING OF READY MIX CONCRETE:

The same cement aggregates, sand and water source should be used throughout the job. At the batch plant add the color by weight directly to the mixer along with the aggregate, cement and water while the mixer is operating at the mixing speed. Continue mixing 5-10 minutes or from 50-100 revolutions. Make sure the pigment to cement ratio remains the same for all mix designs. Maintain a 4”-5” slump, ALL CONCRETE SHOULD BE PLACED AT THE SAME SLUMP. The addition of water to the mix will result in light or washed out spots. Place all colored concrete in a uniformly graded, compacted and damped surged. Use the lowest slump compatible with a workable, placeable mix. Troweling may begin after the disappearance of bleed water from the surface.

Be sure the concrete is stiff yet plastic before troweling or brooming. Late or hard troweling will cause burning, light broom finish is recommended, and will less likely discolored than smooth finishes. Do not add pigment, cement or water to the fresh surface of the concrete. Excess water should be removed from broomed surface before contact is made with fresh cement. A non-yellowing curing and sealing compound should be lightly sprayed on immediately following final finish.

LIMITATIONS:

Inconsistencies in concrete mix, water cement ratio, batch to batch slump, job site conditions, finishing practices, and curing methods may produce variations in the color of the finished product

CAUTION:

Variation of color can occur when the actual job-site materials and individual finishing methods are applied. Lighter or deeper shades can result by varying the weight or color, pigment use d or the color of cement and sand used on the job. The addition of fly ash to the mix can also result on a color variation. Changes on the water to cement ratio or water added at the job site will affect the final color of the concrete. A test pad should always be poured using actual job-site materials and conditions. Calcium Chloride accelerator should not be used with any pigment. The use of Calcium Chloride may result in uneven coloring and spots (bleached-out areas). Evaporation of water sometimes leaves a white powdering film (efflorescence) on the surface of the concrete. Soluble salts present in the water or aggregate escaping to the surface cause efflorescence. It's common in standard gray concrete. Although it is not as noticeable as in colored concrete. To avoid efflorescence always be sure water and aggregates are clean and free of soluble salts.

WARRANTY: DECOSUP warrants this product to be free from manufacturing defect. Since no control is exerted over it's application and use, DECOSUP makes no warranty, either expressed or implied, concerning this product. Seller and manufacturer's obligation shall be limited to replacing that portion of the product proven to be defective.



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For professional use only
Consult Material Safety Data Sheet before use.