

CONCRETECH

Integral Color

PRODUCT DESCRIPTION

Concretech Synthetic Iron Oxide Pigments are high quality synthetic iron oxide pigments for use in cast in place, slab on grade, tilt up, pavers, masonry, mortar, stamped concrete, shotcrete or any place color in concrete is used. Concretech synthetic iron oxide pigments are available in a wide array of primary colors and can be custom matched to meet design requirements.

COMPLIANCE

Complies with ASTM C-979. They are light fast, durable, weather resistant and long lasting in concrete.

USES

For use on all interior and exterior concrete, stamped concrete, colored and flat work concrete as well as any typical area where concrete or decorative color is used.

PACKAGING

Concretech synthetic iron oxide pigments are available in 6.5 lb, 25 lb and 55 lb. disintegrating bags. Available in 11 base colors, 25 blended colors and color match to synthetic concrete compatible colors upon request.

LIMITATIONS

Do not use color with mixes that contain chloride admixtures. Maintain slump of less than 5". Use the same pigment to cement ratio throughout. Use same brand, type and ratios of cement, aggregates and admixtures throughout project. Refer to Concretech Architectural Specifications for installation procedures, base preparation, forming and product information. Do not cure with plastic sheets, water or curing agents that may discolor the surface. Do not leave wood or other products on the surface while curing, as this will cause discoloration.

INSTALLATION INSTRUCTIONS

Confirm color, weight, mix-ratio and weight of bag or combination of bags prior to starting. Specify air content and maintain throughout job. Wet mixer with 2/3 mix water and toss in Concretech disintegrating bag(s) then add remaining ingredients and mix water, mixing at charging speed, for at least 5 minutes. Schedule loads for consistent mix times. Place at least 4" depth concrete of a mix suitable for design use (i.e. stamped concrete) not to exceed a 5" slump. Screenshot in two

directions providing a consistent and uniform surface. Allow bleed water to dissipate before final troweling. Late or hard troweling may cause "burns" or dark spots. Keep troweling to a minimum to prevent discoloration and color inconsistency. Do not add water to surface or tools while troweling or finishing as this may cause light spots of color and reduce surface strength. All colored concrete surfaces shall have a sealer or water repellent coating applied to protect the finish from moisture and oxidization. Apply Concretech Cure and Seal (CS 15) as soon as possible. Follow up with Concretech High Solids Sealer (CS 25 or CS 30) after 28 days. Follow Concretech Technical Bulletins for the applied product.

PROPERTIES

As Supplied	
Base colors	11 standard colors
Colors	25 blended colors
Custom colors available	

SAFETY PRECAUTIONS

Caution - Wear protective clothing, rubber gloves, eye protection and dust respirator mask. Prolonged exposure may result in respiratory illness. Keep away from children.

First Aid - Flush contaminated areas immediately. Remove contaminated clothing. Wash hands with soap and water. Flush eyes with clean water or eye wash solution. In all cases seek immediate medical attention.

TECHNICAL SERVICES

Complete technical information is available from Concretech Inc. and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1.888.503.6780

Concretech Inc.'s sole warranty is that our products have been manufactured to meet with our written specifications. The information herein is general information to assist our customers in determining whether our products are suitable for their applications. Our products are intended for sale to commercial and industrial customers. We require customers to inspect and test our products before use and to satisfy themselves as to contents, suitability and applications. Nothing herein shall constitute any other warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose, nor is any protection from any law or patent inferred. All patent and trademark rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for incidental or consequential damages.

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