



PRODUCT DATA SHEET

SCOFIELD® Integral Color Utility

AN ECONOMICAL BLEND OF SYNTHETIC IRON OXIDE PIGMENTS FOR COLORING BELOW-GRADE UTILITY ENCASUREMENTS AND EXCAVATABLE CONCRETE

PRODUCT DESCRIPTION

SCOFIELD® Integral Color Utility is a value blend of synthetic iron oxide pigments used to inexpensively add integral color to below grade utility encasements, excavatable concrete, Controlled Low Strength Materials (CLSM), and low strength geotechnical concrete.

USES

It is ideal for coloring concrete designed to mark, identify, protect, and encase, utility conduit, pipes, wire cables, or fiber optic lines.

CHARACTERISTICS / ADVANTAGES

SCOFIELD® Integral Color Utility uses pigments that are weather resistant, lightfast, and alkali resistant. It contains a minimum of 50 % post-industrial recycled material. It contains no corrosive materials and will not initiate, accelerate, or promote corrosion of reinforcing steel, metal, plastic, or rubber encasements.

PRODUCT INFORMATION

Chemical Base	Synthetic iron oxide pigments.
Packaging	SCOFIELD® Integral Color Utility is available in 10 and 20 pound pulpable bags that can be added directly to the concrete mix.
Appearance / Color	Utility Red, Utility Orange, Utility Yellow, Utility Black
Shelf Life	24 months from date of manufacture.
Storage Conditions	Keep dry and moisture free.
Specific Advice	<p><u>Jobsite Samples</u></p> <p>Always evaluate mix designs for color and other performance properties by creating actual sample mixtures of at least 1 cubic foot in size. Test samples for compliance with job specifications. Ensure samples do not prematurely fail, or exceed compressive strength, shrinkage, or color parameters. Do not place mix designs into service that do not meet all job specifications.</p>

APPLICATION INFORMATION

Recommended Dosage

Typical dosage is 1–4 pounds of SCOFIELD® Integral Color Utility material per 94 pound sack of cement. Classic concrete mix designs that use 5 sacks of concrete per cubic yard generally require 1 pound of material per sack of cement. Mix designs with very low levels of cement, heavily air entrained mixes, or low cement cellular mixes, may require higher doses to meet color specifications. Always evaluate mix designs as specified above.

AVAILABILITY/WARRANTY

Availability

Scofield offers a complete line of engineered systems for coloring, texturing, and improving performance in architectural and utility concrete. Scofield Systems address specialized requirements for interior, exterior and vertical uses with compatible systems of complementary products including coloring admixtures, color hardeners, colored cementitious toppings, stains, curing compounds, sealers, coatings, repair products and texturing tools. Visit the Scofield website at www.scofield.com for further information.

LIMITATIONS

SCOFIELD® Integral Color Utility is not suitable for architectural flatwork, walls, or structural members. As recycled material is used to produce Utility Grade colors, they are not tightly controlled for hue, and visual color may vary.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LOCAL RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

VOC = 0 g/l

LEGAL DISCLAIMER

KEEP CONTAINER TIGHTLY CLOSED •KEEP OUT OF REACH OF CHILDREN •NOT FOR INTERNAL CONSUMPTION •FOR INDUSTRIAL USE ONLY •FOR PROFESSIONAL USE ONLY

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