

enCOLOR

Technical Data Sheet (06/26/14)

PRE-DISPERSED IRON OXIDE PIGMENTS SOLIDS



PRODUCT DESCRIPTION

enCOLOR colors are pre-dispersed iron oxide pigments solids in an aqueous base liquid. enCOLOR provides an easy integral color solution for pre-cast or cast in place applications.

BENEFITS AND FEATURES

- Self-dosing
- Consistent batch color
- Easy to use

RECOMMENDED APPLICATIONS

enCOLOR allows the countertop builder a greater opportunity to create a top with a unique appearance with color being consistent throughout. enCOLOR gives the contractor 9 different pallet colors to create rather than just white or grey.

TECHNICAL INFORMATION

Yellow	Fe2O3 –H2O
Black.....	FeO –Fe2O3
Red	Fe2O3
Particle Shape	Color dependent
Acicular, Cubical, or Spherical Particle Size.....	Generally less than 44 microns
Density.....	15.9 – 18.8 lbs per gallon
Viscosity	5 – 6 Zahn seconds
Orifice.....	005
pH.....	6.5 – 9
Specific gravity.....	1.9 – 2.0

PROPERTY PROFILE

ASTM C33-97 – Standard Specification for Concrete Aggregates
ASTM C94-97 – Standard Specification for Ready-Mixed Concrete
ASTM C150-97a – Standard Specification for Portland Cement
ASTM C979-82 (R1993) – Standard Specification for Pigments for Integrally Colored Concrete

PHYSICAL/CHEMICAL PROPERTIES: All enCOLOR colors comply with ASTM C979 for integrally colored concrete. enCOLOR colors are water wettable, limeproof, light fast, non-bleeding, natural and synthetic iron oxides. Depending upon the enCOLOR color, mesh particle size fineness ranges from 95-99% minus 325 mesh particle size.

DIRECTIONS FOR USE

Choose the appropriate color from the enCOLOR chart. Stir the contents of the enCOLOR bucket thoroughly to insure complete blending of the pigments. After determining the amount of pigment for each bag of enCOUNTER mix, draw the proper amount into the syringe and squirt into the measured amount of water. The color chart is a guideline which may be adjusted up or down to

adjust the shade of color.

Color consistency for multiple bag projects is best achieved with mechanical mixing of four bags of enCOUNTER in a barrel mixer. Combine enough color with the proper amount of water for all four bags in the mixer and then slowly add the four bags of mix. Conduct tests whenever possible to application techniques prior to application on the larger project.

PRECAUTIONS AND LIMITATIONS

- enCOLOR should be kept from freezing even though the actual pigment will remain stable in freeze-thaw conditions. However, every freeze-thaw cycle does cause some separation, which will require additional remixing before the enCOLOR can be used.
- Keep out of reach of children.
- Over-finishing should be avoided to protect against “burning” the surface.
- DO NOT “hard” trowel a colored surface. This can leave dark blotches and uneven coloring on the surface of the slab.
- Keep the lid on tight.
- Stir before each use.
- The statements made within this technical data sheet, SDS, product labels, etc are guidelines only. The end user should always perform tests and product evaluations prior to application to ensure suitability for particular uses.
- A sample is always recommended when dealing with colors.

SHELF LIFE

enCOLOR has a shelf life of 6 months.

PACKAGING

enCOLOR is packaged in 58 ounce bucket with a syringe for measuring.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 866-906-2006.

WARRANTY

SS Specialties warrants our products to be of good quality, free of defects and will conform to our published specification in force on the date of acceptance of the order. As the exclusive remedy for breach of this warranty, SS Specialties will replace defective materials ninety days after SS Specialties has shipped the product, all our warranty and other duties with respect to the quality of materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates, and no action for breach of any said duties may thereafter be commenced. No warranty is expressed or implied as to the length of life of this product or merchantability or fitness. Liability, if any is limited to the purchase price of the material under no circumstances will SS Specialties be liable for a consequential damage to any in excess of the purchase price of their product.



www.ssspecialtiesconcrete.com

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