

# enCOLOR

**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.

**DIRECTIONS:** 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.

**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.

**TECHNICAL DATA:**

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, lightfast, non-bleeding, natural and synthetic iron oxides. Depending upon the enCOLOR color, fineness ranges from 95-99% minus 325 mesh particle size.

*General Formula:*

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
Particle size.....	Generally less than 44 microns

**CAUTION:** Keep out of reach of children!



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