

Product Information Sheet

Description

Interstar concrete colors are pure iron oxide pigments designed specifically for use in the integral coloring of cementitious materials. Interstar colors are certified ASTM C979 for integral coloring.

Color Range

Interstar concrete colors are available in a wide range of standard colors. In addition, the color development and matching services of the Interstar Color Laboratory offer controlled, custom blended pigments to meet your own special color requirements.

Primary Application

- Decorative concrete
- Sidewalks
- Patios
- Driveways
- Precast
- Poured in place concrete construction

Benefits

- Easy Dispersing
- Disintegrating paper bags
- Pre-weighed: 1 bag = 1 cubic yard
- Reduces human error
- Maximum coloring power
- Wide variety of colors
- Dust-free
- Sunfast
- Water dispersible
- Lime proof
- Non-bleeding
- Custom bagging available

Technical Data

Packaging:

Standard packaging consists of pre-weighed dissolving multi-wall paper bags. Custom bagging is also available. Each bag is clearly marked with the color name and number. One bag corresponds to one pre-measured unit of colorant for one cubic yard (US) or per cubic meter of concrete. It can be added directly to the ready mix truck for a clean and easy job.

Storage:

Store in a cool, dry, well-ventilated area. Protect from moisture.

Properties:

- Appearance: Dry powder (buff, tan, brown, black, red or yellow)
- Odor: None
- Density: 0.3 - 1/2 g/mL (19 - 75 lb/ft³)
- pH: 4.0 - 7.0
- Fineness: 95%-99% minus 325 mesh (Color Dependent)
- Particle Shape: Cubical, Acicular, Spherical (Color Dependent)
- Particle Size: Generally less than 1 micron

Usage

Directions: The truck mixer drum must be completely clean with no leftover water or aggregate before mixing a new batch of colored concrete. The slump must range from 3" to 4". If air is entrained, it should range from 5% to 7%. Before adding the bags of pigment, reverse the truck mixer to bring the concrete to the back of the mixer. Place half the bags of color on top of the concrete. **Please Note:** These steps are critical for proper dispersion. Slowly move the concrete back to the front of the mixer, and start mixing at a slow speed until the bags are drawn into the concrete mix. Mix slowly for 2-3 minutes. Increase the speed of the mixer to a medium-high rotation for 2-3 minutes. Reverse the mixer to bring the concrete to the back of the mixer and add the remainder of the color bags. Slowly move the concrete back to the front of the mixer, and start mixing at a slow speed until the bags are drawn into the concrete mix. Mix slowly for 2-3 minutes. Increase the speed of the mixer to a medium-high rotation for 2-3 minutes. Move the concrete mix from the front to the back of the mixer 3 or 4 times to pick up any pigment and concrete that may not have been incorporated into the mix. Mix for a total of 10 to 15 minutes at regular mixing speed. *Note:* Always place the first concrete down the chute of each load on the bottom of the slab. For complete details, please refer to our Instruction Sheet on Ready Mix Colors.

Limitations: The optimal dosage of pigment suggested varies between 2% and 7%, based on the total weight of cementitious materials. A dosage of 10% of pigment based on the total weight of cementitious materials is the saturation point for pigment coloration. If the percentage of pigment is over 10% of the total weight of cementitious materials, there will be no benefits and it can affect the results considerably. In addition, if the percentage is lower than 1% of the total weight of cementitious materials, the coloration will be uneven and will affect the results.

Please see our Ready Mix Color instruction sheet for complete information.

Safety

Appropriate ventilation should be provided to keep dust concentrations below acceptable exposure limits. Please refer to the Material Safety Data Sheet (MSDS) of the color desired.

Availability

Interstar products are available throughout Canada, the United States and Mexico. Please contact our Customer Service Department (1-800-567-1857) to place an order or to find a distributor in your area.

Technical Services and Samples

Interstar's technical staff and chemists are always available to offer their expert advice. Should you need technical assistance, please do not hesitate to contact us at 1-800-567-1857.

The Interstar Color Laboratory is available to match existing colored concrete, develop special color tones or to provide expert color assistance to solve your individual color needs. Since the color shades of cement and aggregates (coarse and fine) are different in each locality, it is recommended to send 10 lbs of the local cement and 25 lbs of the coarse and fine aggregate that will be used in the concrete mix design, along with a sample of the desired color that is to be produced.

Samples: Samples of Interstar standard Concentrated Concrete Colors and specially blended colors are available in convenient cement color briquettes or mini-pavers. The color block samples are mixed in the Interstar Laboratory with locally supplied cement and aggregates, or with cement and aggregates available to Interstar at the time of production.

Warranty

The limit of liability of this company shall be the purchase price paid by the user or buyer for the quantity of the Interstar product involved. See Interstar's Warranty for complete details.

CORPORATE HEADQUARTERS
4255 Portland Boulevard
Sherbrooke, QC
J1L 3A5
Tel.:819.563.9975 or 1.800.567.1875
Fax.:819.563.1317 or 1.888.563.1317

US OFFICE
530 Madison Avenue
Junction City, Illinois
62882, USA
Tel.:618.533.3600 or 1.877.693.1212
Fax.:618.533.3636 or 1.888.563.1317

CALGARY, ALBERTA
MEXICO CITY, MEXICO
MONTERREY, MEXICO
SEOUL, SOUTH KOREA

www.interstar.ca
info@interstar.ca