

## Product Description

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Interstar Ready Mix Color consists of pure iron oxide pigments for use in the integral coloring of cementitious materials. Interstar Ready Mix Colors are certified to ASTM C979 standard for integral coloring.

## Primary Application(s)

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Concentrated powdered integral color for concrete (decorative concrete, precast, poured-in-place construction)

## Benefits

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- Easy dispersing
- Packaged in disintegrating paper bags
- Bags are pre-weighed to reduce human error
- Maximum coloring power
- Wide variety of vibrant colors
- Dust-free
- Sunfast
- Water-dispersible
- Non-bleeding
- Limeproof

## Packaging

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Each bag holds one pre-measured unit of color for one cubic yard (US) or cubic metre of concrete. Interstar's Ready Mix Color is packaged in special disintegrating bags that can be added directly to the ready mix truck for a clean and easy job. Custom bagging is also available.

## Storage

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Store in a cool, dry, well-ventilated area. Protect from moisture. Carbon black is sensitive to static discharge; keep away from heat, sparks and ignition sources.

## Properties

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- **Appearance:** Colored powder (assorted colors)
- **Bulk Density:** 0.3 – 1.2 g/cm<sup>3</sup>
- **Odor:** None
- **pH:** 4.0 – 10.0

## Coverage/Dosage

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**Limitations:** The optimal recommended dose of pigment ranges from 2% (1 bag) to 7% (3 bags) based on the weight of the cementitious materials. The color saturation point is 10% (4 bags). Higher doses will not enhance the color and may significantly degrade the durability of the finished product. Doses below 1% (½ bag) will result in uneven color variations and a washed-out appearance.

## Directions

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**CAUTION:** Never add extra water to a batch of colored concrete. Any differences in slump in successive batches will result in color variations in the concrete. Never use calcium chlorides or any accelerators.



## Instructions:

- Step 1.** The truck mixer drum must be completely clean with no leftover water or aggregate before mixing a new batch of colored concrete.
- Step 2.** The slump must range from 3" to 4" (90 mm – 100 mm). If air is entrained, it should range from 5% to 7%.
- Step 3.** Before adding the pigment, reverse the truck mixer to bring the concrete to the back of the mixer.
- Step 4.** Place half the bags of color on top of the concrete.
- Note: Steps 5 and 6 are critical for proper dispersion.**
- Step 5.** 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.
- Step 6.** Increase the speed of the mixer to a medium-high rotation for 2-3 minutes.
- Step 7.** Reverse the mixer to bring the concrete to the back and add the remainder of the pigment.
- Step 8.** Repeat steps 5 and 6.
- Step 9.** 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.
- Step 10.** 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.

*Please see our Ready Mix Color instruction sheet for complete instructions.*

## Safety

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Avoid contact with skin and eyes. Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. For additional information, please refer to the Product Safety Data Sheet (SDS).

## Availability

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

## Technical Services

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Interstar's technical staff and chemists are always available to offer their expert advice. Should you need technical assistance, please call 800-567-1857.

**Color matching:** The Interstar Color Laboratory is available to match existing colored concrete, develop special color tones, or provide expert color assistance to solve your individual color needs. Please do not hesitate to contact us for more information.

## Warranty

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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.