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Architectural Concrete Solutions

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## BOMANITE INTEGRAL COLOR

### Technical Bulletin

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Bomanite Integral Colors consist of colored admixtures and are developed for use in ready-mixed concrete. The product is made of the highest quality pigments, as well as other ingredients designed to enhance the color and improve the pigment dispersion, workability and finishing performance of the concrete. No fillers are used in Bomanite Integral Colors. This coloring method can be used with the installation of Bomanite and Bomacron cast-in-place colored, textured and imprinted concrete paving and flooring. This method can also be utilized for other colored concrete flatwork applications (salt finishes, broom finishes, rotary finishes), as well as vertical surfaces and other types of architectural concrete. When mixing, four to five inch concrete slumps are recommended. Higher slumps should be achieved by using water reducing or plasticizing admixtures, NOT by adding water. The addition of extra water to the mix will affect the uniformity of the color. Uneven curing and/or rapid drying of the concrete will also affect the uniformity of the color. The use of Bomanite Color Cure is recommended.

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#### **FEATURES AND BENEFITS:**

- *High pigment quality resists fading*
- *Improved pigment dispersion*
- *Improved workability*
- *Excellent for coloring vertical surfaces*
- *Disintegrating bags*

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#### **GENERAL INFORMATION:**

##### **Dosage Guidelines**

**Standard** One bag per cubic yard or meter

**Exception** Certain colors and/or mix designs may require two bags per cubic yard or cubic meter

##### **Packaging**

**Disintegrating Bag** One bag to each cubic yard or cubic meter. Weight varies depending on color and cement content.

##### **Colors**

60 standard colors – Refer to Bomanite Standard Color Chart for color selections and names. Custom colors available upon request (minimum 1,000 sq. ft.).

##### **Resistance to UV Light**

Excellent

##### **Suggested Sealers**

Bomaseal C-18 or C-27

Bomanite Hydroseal

Bomanite Hydrocoat

Bomanite VOC or VOC II

Bomanite Color Cure or Bomanite Clear Cure (for use on untextured concrete only)

### **Maintenance**

It is highly recommended to develop and follow a routine maintenance schedule for all colored concrete so that it will maintain a top quality appearance. Every 18 to 36 months, colored concrete installations should be inspected, cleaned and resealed as required by volume and intensity of traffic. Contact your local Bomanite contractor for the proper maintenance program in your area, as the need for maintenance will vary depending on a number of factors including traffic conditions, geographical location and weather.

### **Limitations**

Variations can be expected due to job site conditions, finishing techniques, use of sealers and slight raw material color drifts. Consistency of color of cement and aggregates as well as the content of the concrete mix design is critical in achieving uniform color from batch to batch. Integrally colored concrete is limited to lighter, more pastel colors and is not as brilliant as color hardened surfaces. Do not use with concrete mixes containing calcium chloride. Color matching is done using light gray cement from California based manufacture.

### **Caution**

Keep out of the reach of children. See Material Safety Data Sheet for complete information.

### **Warranty**

This product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product.

***Additional product information, technical bulletins and specifications are available online at [www.bomanite.com](http://www.bomanite.com) or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.***