

Bomanite®

Your Single Source For Innovative
Architectural Concrete Solutions

BOMANITE SANDSCAPE TEXTURE

System Guideline

Bomanite SandScape Texture utilizes specialized concrete mix designs, additives, decorative mineral aggregates, topical treatments and advanced application procedures to produce a finished product that resembles very evenly sand blasted concrete through fine “quarried stone”. Bomanite SandScape Texture typically involves the use of Bomanite Integral Color and may incorporate specialized natural, regionally selected and qualified sands such as slag, granite, quartz or limestone.

Bomanite SandScape Texture is also available in the “Refined” Series. Similar in design to conventional SandScape, the Refined Series is based on the exposure of fine quartz aggregates bound in Bomanite Color Hardener. The resulting texture is known as “sugar cube finish”; the feel of the concrete mimics the texture of formed sugar cubes. Due to the use of Bomanite Color Hardener, the Bomanite SandScape Texture Refined Series is available in a multitude of standard and custom options, including cost effective light-reflective formulations that do not require the use of white cement to reduce heat island effect.

Bomanite SandScape Texture is intended for both new construction and major renovation projects. Bomanite SandScape Texture is most commonly installed as full depth slab on grade pours along with un-bonded thick section toppings 3” or greater in thickness over membrane applications. The quality of the aggregate selection, placing and finishing are critical to the success of the finished product.

Typically applied products such as Bomanite Con-Color and Bomanite Chemical Stain are compatible with Bomanite SandScape Texture. Consult the applicable technical bulletins for further information on these products and systems. Consult the Bomanite Alloy and Bomanite Revealed System Guidelines for additional exposed aggregate options.

FEATURES AND BENEFITS:

- ***Decorative small aggregate exposure***
- ***Durable for sustainable design***
- ***Eliminates the need to sandblast***
- ***Increased surface and slip resistance***
- ***Permanent lightfast colors***
- ***Cost effective***



GENERAL INFORMATION:

Key Components of a Bomanite Sandscape Texture System

Bomanite Integral Color: Pigment admixtures engineered for use in ready-mixed concrete

Bomanite Con-Shield: Lithium Silicate chemical hardener

Bomanite Surface Deactivator: Reactive surface etch retarder

Bomanite HydroLock: Modified acrylic semi-penetrating low gloss sealer

Key Components of a Bomanite Sandscape Refined System

Bomanite Color Hardener: Colored dry shake hardener engineered for use on ready-mixed concrete

Bomanite Con-Shield: Lithium Silicate chemical hardener

Bomanite Con-Clean: Reactive surface etch solution

Bomanite HydroLock: Modified acrylic semi-penetrating low gloss sealer

Original Components of a Bomanite Sandscape Texture System

Bomanite Ultra Seal: Solvent Based acrylic film forming gloss sealer

Bomanite HydroSeal: Modified silicate penetrating sealer

Bomanite Con-Color: Reactive Lithium Silicate stains formulated for use on ready-mixed concrete

Bomanite Chemical Stain: Reactive stains formulated for use on ready-mixed concrete

Colors

Consult the Bomanite Coloration Systems Color chart for the full range of standard colors. Note that Bomanite Sandscape Texture installations utilizing Cream, Coquina and Birch Bark require the use of white cement. Other light colors, blues and greens may not be cost effective for full depth slabs due to higher than typical pigment loading and pigment types.

The Bomanite Sandscape Texture Refined Series offers the broadest selection in color choices.

Basic Application Information

The Bomanite Sandscape Texture System is installed exclusively by Bomanite Exposed Aggregate Licensees. The following technical information is a summary to aid in the understanding of the application process and to assist the specification process.

1. Bomanite Integral Color is added to the ready mix concrete designed for Bomanite Sandscape Texture production.
2. Alternately Bomanite Color Hardener is applied to the surface of plastic concrete for the Bomanite Sandscape Texture Refined Series.
3. The concrete is placed and finished with the desired aggregate brought to the surface.
4. Additional finishing is undertaken to reduce lap lines and trowel licks in finished surface.
5. The concrete surface is etched.
6. The concrete is chemically hardened.
7. Stains are applied if specified.
8. Final stain resistant treatment completes the process.
9. The concrete is protected from chemical exposure until building occupation.

Maintenance

Consult the Bomanite Exposed Aggregate Systems Maintenance Guideline for complete information on how to maintain exposed aggregate paving.

Limitations

- Final color will be influenced by factors such as aggregate type and size, water content of concrete, environmental variations, etc. A thorough sampling and mock-up process is required as part of the installation of the system.
- Variation in aggregate exposure during the etching process is a factor with concrete.
- Lack of protection from trade damage along with chemical exposure resulting in staining will detract from the quality of the finished product.
- Surface defects and repairs may be appreciably noticeable once the process is complete.

Warranty

Bomanite products are 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 system information, technical bulletins and specifications are available online at www.bomanite.com or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.