



Your Single Source For Innovative
Architectural Concrete Solutions

BOMANITE REVEALED

System Guideline

Bomanite Revealed is an architectural exposed concrete with varying exposure depths using decorative aggregates that are bound in a unique binder and applied to primed concrete. The Bomanite Revealed System utilizes pre-blended binders, light fast pigments, specialized admixtures, topical treatments and advanced application procedures to produce a finished product that showcases the seeded aggregate. Unlike most surface seeded installations, Bomanite Revealed provides 100% exposure of the decorative aggregate with no native sands detracting from the finished appearance.

The final product is unique alternate to other decorative concrete finishes while producing a monolithic concrete slab with a low life cycle cost due to the pre-aged nature of the surface. Bomanite Revealed is suited for exterior applications—anywhere that improved wear resistance for light to moderate-duty vehicular or foot traffic combined with an architectural finish is necessary. Due to the use of the Bomanite Revealed binder, these highly durable surfaces are available in a multitude of standard and custom options, including cost effective light-reflective formulations that will not require the use of white cement to reduce heat island effect.

Bomanite Revealed is intended for both new construction and major renovation projects. Bomanite Revealed is most commonly installed as full depth slab on grade pours along with un-bonded thick section toppings possible over membrane applications. The specialized design of the binder along with placing and finishing are critical to the success of the finished product.

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

FEATURES AND BENEFITS:

- **100% Decorative aggregate exposure**
- **Durable for sustainable design**
- **Highly architectural installations**
- **Increased surface and slip resistance**
- **Permanent lightfast colors**
- **Wide range of aggregate options**



GENERAL INFORMATION:

Key Components of a Bomanite Revealed System

Bomanite Revealed: Engineered cement binder for use on ready-mixed concrete

Bomanite Con-Shield: Lithium Silicate chemical hardener

Bomanite Surface Deactivator: Reactive surface etch retarder

Optional Components of a Bomanite Revealed System

Bomanite HydroLock: Modified acrylic semi-penetrating low 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 Standard Color Chart for the full range of standard colors.

Note: Bomanite Revealed is available for specification in a range of pre-determined aggregates and colors along with custom options as developed by Bomanite Licensees. Consult the Bomanite Revealed Glass Series and Natural Series Color Charts and associated samples for pre-determined options.

Basic Application Information

The Bomanite Revealed 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 Revealed binder is mixed with architectural aggregates.
2. Bomanite Revealed is applied to the surface of the primed concrete.
3. Additional finishing is undertaken to reduce lap lines and trowel licks in finished surface.
4. The Revealed surface is etched.
5. The Revealed is chemically hardened.
6. Stains are applied if specified.
7. Final stain resistant treatment completes the process.
8. 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 environmental conditions, 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 all exposed aggregate applications.
- 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.