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Architectural Concrete Solutions

BOMANITE SURFACE DEACTIVATOR

Technical Bulletin

Bomanite Surface Deactivator is a unique product applied to the surface of freshly placed concrete that slows the hardening of the cement by temporarily deactivating the hydration process. It is not a simple sugar-based product but rather a complex combination of materials mixed to a particular pH that counteracts the high pH of Portland cement. This exacting pH makes for consistent depths of etch that are unachievable with traditional exposing products.

Bomanite Surface Deactivator is unique in that it develops a polymer film that acts as a water barrier and curing compound. This protects the concrete from incidental rain while inhibiting the evaporation of the mix water. Once the concrete has hardened to a point where it can be walked on it is then washed. This washing process may occur anytime from the same day to several days later dependant upon the local conditions and concrete mix. The top of the cast concrete has a resulting sand finish unlike any hand washed or sand-blasted concrete finish on the marketplace.

FEATURES AND BENEFITS:

- *Superior consistency*
- *Environmentally friendly*
- *User friendly*
- *Built in rain barrier*
- *Zero VOC's*
- *Contains no solvents*

GENERAL INFORMATION:

Color

Milky, colored liquid that dries slightly translucent.

Coverage Rates

Bomanite Surface Deactivator is applied at a rate of 200-400 feet per gallon per coat. Actual coverage rates may vary depending on the texture, porosity and profile of the concrete.

Packaging

Available in 5-gallon units.

Storage and Shelf Life

Approximately one year if stored in its original container and protected from temperatures less than 32 °F or more than 90 °F for extended periods of time. Ideal storage temperature is 72 °F.

Application

Bomanite Surface Deactivator is available in three different levels of etch or aggregate exposure:

1. Light Sand Etch: for mild sand exposure, similar to a heavy acid etch or light dusting via sandblasting. Light Sand Etch exposure depth is appropriate for sand only.
2. Standard Sand Etch: the most common depth of etch used to achieve Sandscape™ or a light sandblasted look. The exposure depth is appropriate for sand through to a #1 sized aggregate.
3. Heavy Sand Etch: comparable to a medium sandblasted look. The exposure depth is typically used for #2 to #3 sized aggregates.

Consult the proprietary SandScape Texture™ by Bomanite and Revealed™ by Bomanite Application Guidelines for information on the use of this product.

Limitations

- Final appearance of Bomanite Surface Deactivator treated concrete is highly dependant upon the placing, finishing and application techniques of the installer.
- Apply only when temperature is above 40 °F. Consult The Bomanite Company prior to application in temperatures greater than 95 °F
- Do not allow to freeze.

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 or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.