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Architectural Concrete Solutions

BOMANITE LIQUID RELEASE ADVANTAGE

Technical Bulletin and Application Guideline

Bomanite Liquid Release Advantage is a clear, low viscosity liquid release containing a specialized acid-derived lubricant that reacts with portland cement-based products to create a soaping effect. This soaping precipitate provides a more effective barrier to moisture transfer than traditional release liquids and therefore produces crisper detail with less pull-ups. It is fast drying due to its solvent carrier yet has a pleasant bubble gum scent. Bomanite Liquid Release Advantage is used for releasing Bomacron imprinting tools from concrete surfaces as an alternative to Bomanite Release Agent when pigmented powders are prohibitive. Bomanite Liquid Release Advantage is the only product to be used in conjunction with Bomanite Thin-Set II as a dry powder release agent will bond in an unpredictable manner and in many cases will not wash off adequately to create a conventional antiqued effect. Bomanite Liquid Release Advantage will not leave a residue on the imprinted surface and can be used in conjunction with a variety of Bomanite Coloration Systems.

FEATURES AND BENEFITS:

- *Excellent releasing properties*
- *Minimizes risk of damage to landscape, buildings and interior surfaces*
- *Interior and exterior applications*
- *Will not interfere with the bond of subsequent coloring or sealing products*
- *Longer surface life, which requires less frequent re-application*

GENERAL INFORMATION:

Colors

Clear. May be tinted with a very small amount of Bomanite Release Agent or Bomanite Solvent-Based Tint Concentrate. However, recommended method to achieve an antiquing effect is to use Bomanite Topical Stain after the concrete or topping has cured.

Coverage Rates

Bomanite Liquid Release Advantage will cover approximately 300 square feet per gallon. Actual coverage may vary depending on surface texture, porosity, application method and other local conditions.

Packaging

Available in one-gallon, five-gallon and 55-gallon containers.

Storage and Shelf Life

Approximately one year.

Application

Application Steps

1. Prior to imprinting, apply a thin and consistent film of Bomanite Liquid Release Advantage to the selected imprinting tools using a pump-up type sprayer.
2. Continue applying a thin film of Bomanite Liquid Release Advantage to the concrete or topping surface using a pump-up sprayer. Apply only enough material to evenly cover the area to be immediately imprinted (150-200 square feet) while avoiding complete evaporation.

8777 Auburn Folsom Rd. #108, Granite Bay, CA 95746 • (303) 369-1115 • FAX: (303) 291-0282
Web site: www.bomanite.com • E-mail: info@bomanite.com • June 2009

3. Bomanite Liquid Release Advantage should be applied just before the placement of Bomacron imprinting tools, during the plastic stage of set. Normally Bomanite Liquid Release Advantage applications require a slightly longer set time than when using Bomanite Release Agent powder.
4. Using conventional Bomacron imprinting tools carefully align and lay the tools, taking care to position them to create the desired effect. It is recommended to first print the concrete ahead of the pattern tools with a frayed edge tool of similar texture so as to minimize the potential for areas of light or no texture.
5. Bomanite Liquid Release Advantage will naturally evaporate from the surface if applied in a light fashion. After Bomanite Liquid Release Advantage has fully dissipated, alternative colorants, cures and sealers can be applied. If there appears to be a film still present after 12 hours, a mild floor cleaner may be used to wash the slab prior to coloring and sealing.

Sealers

For suggested interior sealers, refer to the Bomanite Cures, Sealers and Finishes Cross Reference Guideline.

NOTE: It is recommended to utilize water-based sealers for interior applications due to the hazards associated with solvent fumes.

For suggested high-performance coatings, refer to the Bomanite Epoxies and Urethanes Cross Reference Guideline.

NOTE: It is recommended to utilize water-based or 100% solids sealers and coatings for interior applications due to the hazards associated with solvent fumes.

Cautions and Limitations

1. Bomanite Liquid Release Advantage can be an irritant. Limit the amount of contact to skin.
2. Wear protective clothing and do not allow clothing to become saturated with product.
3. Do not over apply the product as the excess solvent will detract from the concrete or topping surface quality and long-term durability.
4. Do not imprint Bomanite Thin-Set II prior to a point where it can support a person's weight. Early imprinting, combined with using a liquid release, can result in bubbles or blisters forming under the topping and a "pocked" texture with potential for localized cracking.

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.