

# VERTICAL•BOND

A SINGLE COMPONENT BOND-COAT DESIGNED TO BE USED WHEN BROADCASTING GRANITELITE GRANULES OVER VERTICAL SURFACES

**GRANITELITE™ VERTICAL•BOND** is a single-component bond-coat designed to be used when broadcasting GraniteLite™ Color Granules over vertical surfaces.

## USES & ADVANTAGES

- Vertical surface bond-coat for the GraniteLite™ Textured Broadcast System
- Easy to apply
- Low odor
- VOC compliant

## SURFACE PREPARATION

### Concrete

Concrete surfaces must be sound, clean, dry and untreated with previous coatings. Remove all dirt, dust, spalling or loose concrete, oil, grease, wax, mildew, efflorescence, laitance, curing compounds, form release agents, rust, paint or any other foreign material which might effect the bond. **SEE WARNING ON BACK PAGE REGARDING PAINT REMOVAL.** Umaco Ultra-Clean may be used to remove oil or grease stains from concrete surfaces and may also be used as an all purpose cleaner for surface preparation. Using a scrub brush, work the Umaco Ultra-Clean into the concrete then rinse completely and allow to dry. Repeat if necessary. Read Umaco Ultra-Clean data sheet for full instructions. A rough profile is required for proper adhesion which may be obtained by etching the concrete using Umaco Ultra-Etch. Apply Umaco Ultra-Etch generously at full strength then let it work into concrete for 10 minutes. Rinse well with a concentrated water spray. Neutralizing is not required. Read Umaco Ultra-Etch data sheet for full instructions. Concrete surfaces that have been previously coated, very smooth and/or non-porous may need to be prepared by mechanical means such as by

scarifying or grinding. Ultimately, a porous surface is required for a material to bond properly. An easy way to test this is by sprinkling some water on the surface. If it is quickly absorbed, the surface is ready. If the water beads up, further preparation is required. Contact a GraniteLite™ representative to discuss which procedure is right for your project. All cracks, pitted, spalled and damaged concrete must be repaired using Umaco Universal 1023 and allowed to cure for a minimum of 12 hours (at 70°F). Refer to Umaco Universal 1023 data sheet for full instructions regarding patching, repairing and skim-coating concrete surfaces.

### MIXING

For ease of mixing and placement, the GraniteLite™ Prime•Bond•Seal should be between 70°F to 80°F. Mix the liquid thoroughly to ensure all raw materials are dispersed uniformly.

### APPLICATION

#### Primer

Apply GraniteLite™ Vertical•Bond using a 3/4" nap roller at a rate of 200 ft<sup>2</sup> per gallon. Proper application should produce a thin continuous film. Allow prime coat to completely dry approximately 30 to 60 minutes at 70°F) prior to applying bond-coat.

#### Bond-Coat & Broadcast

Stir GraniteLite™ Vertical•Bond well before using. Apply using a 3/4" nap roller at a rate of 200 ft<sup>2</sup> per gallon. Proper application should produce a thin continuous film. Once bond-coat has been applied, immediately broadcast GraniteLite™ Color Granules over the surface completely covering to rejection (approximately 6-8 pounds of granules per ft<sup>2</sup>). Granules may be broadcast by hand or by broadcast gun-hopper. Do not allow bond-coat to dry before

broadcasting granules. Work in sections that are manageable to prevent this from happening. Allow broadcasted granules to bond and fully dry to the surface (approximately 24 hours at 70°F) prior to sealing.

#### Scrape Broadcasted Surface

After the broadcasted granules have fully dried, lightly scrape the surface to knock down the pointed tips by using a broad knife or very flexible light scraper. Brush or vacuum entire the area and discard of any residue prior to applying topcoat.

#### First Topcoat

Stir well. Apply first topcoat of GraniteLite™ Prime•Bond•Seal using a 3/4" - 1" nap roller at a rate of 200 ft<sup>2</sup> per gallon. Allow first topcoat to fully dry prior to applying the second topcoat.

#### Second Topcoat

Allow first coat to dry (approximately 30 to 60 minutes at 70°F) then using a 3/4" - 1" nap roller, apply a second topcoat of GraniteLite™ Prime•Bond•Seal at a rate of 200-250 ft<sup>2</sup> per gallon.

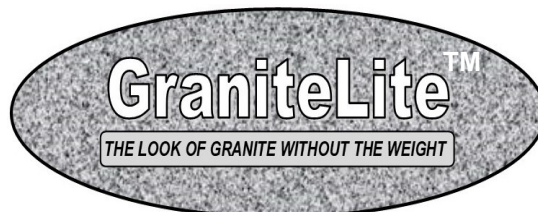
**For interior walls subject to chemical attack or constant moisture/dampness (showers, locker rooms and commercial kitchens) Umaco Ultra-Guard 330 (polyaspartic) or Umaco Ultra-Glaze 400 (urethane) is recommended as the 2nd topcoat.**

**Contact a GraniteLite™ representative to discuss which topcoat is right for your project.**

### COVERAGE

Approximate coverage of GraniteLite™ Vertical•Bond

Primer.....200 ft<sup>2</sup>/gallon  
Bond-Coat.....200 ft<sup>2</sup>/gallon



Phone: 978-453-8881  
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**CLEAN-UP**

Wash hands and tools with water immediately after use.

**DISPOSAL**

Dispose of empty packing and other waste in accordance with federal, state, provinces and local regulations.

**PRECAUTIONS**

- GraniteLite™ Vertical•Bond should only be applied when the ambient and surface temperatures are at least 50°F and will not fall below that for 48 hours
- Do not apply over wet surfaces or surfaces subjected to hydrostatic pressure
- Do not allow GraniteLite™ Vertical•Bond to freeze

**WARNING**

Do not take internally. Eye and skin irritant. Avoid contact with eyes, skin and clothing. Dust masks, eye protection and gloves are recommended when using this product. Read and follow Safety Data Sheet (SDS) before using this product.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

**KEEP OUT OF THE REACH OF CHILDREN!**

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.**

Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log onto [www.epa.gov/lead](http://www.epa.gov/lead). Wear a properly fitted respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**For technical assistance call 978-453-8881.**

[www.umaco.com](http://www.umaco.com)

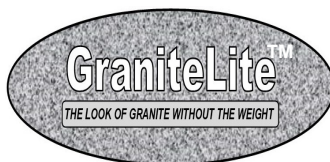
**LIMITED WARRANTY**

*The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied. (2021)*

**GraniteLite™ is a division of Umaco, Inc.**



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