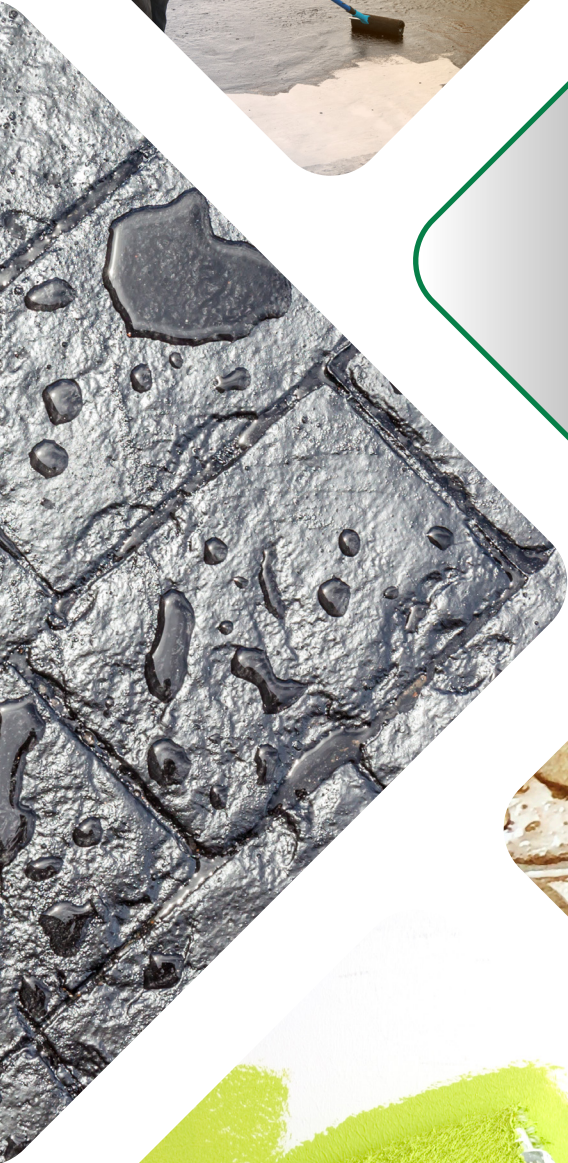


DATA SHEET





BOND TAC ECO TOP COAT™

DESCRIPTION:

BondTAC™ ECO TopCoat is a tough, resilient, waterproof coating system for demanding waterproofing applications on interior and exterior substrates such as brick, stone, and stucco facades, retaining walls, flat roofs, elevator shafts, basement and parking garage walls, and all other building surfaces. BondTAC™ ECO TopCoat is a clear coating, and it can also be custom ordered in a wide variety of colors (minimum order quantities apply).

FEATURES & BENEFITS:

- Hydrophobic – Waterproof & Water Repellant
- Air & Vapor Barrier
- UV Resistant
- Resistant to Acids & Air / Waterborne Contaminants
- Flexible – Will Not Crack or Peel
- Corrosion Protection
- Resistant to Mold, Fungus & Bacterial Growth
- Zero VOCs
- Fire Resistant
- Can Be Applied Over Most Substrates

INSTALLATION/APPLICATION



BRUSH



LONG NAP ROLLER
FOR ROUGH SURFACES



SHORT NAP ROLLER
FOR SMOOTH SURFACES

PERFORMANCE & COMPLIANCE:

- SOR-2009/264 - VOC Concentration Limits for Architectural Coatings
- ASTM G154-00 - Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Non-Metallic Materials

PACKAGING

Available in 5-gallon (18.9L) pails, 1-gallon (3.785L) cans and 1-quart (946ml) cans.

WHERE TO USE:

Apply BondTAC™ ECO TopCoat to create a durable and virtually impenetrable membrane on demanding waterproofing applications, such as brick, stone, and stucco facades, retaining walls, flat roofs, elevator shafts, basement and parking garage walls, and most other building surfaces. BondTAC™ ECO TopCoat forms a continuous and seamless water-impenetrable membrane.

BondTAC™ ECO TopCoat may be applied to interior surfaces, such as basement walls and floors and exterior cavity walls to prevent air infiltration, vapor transmission and water penetration.

Use on interior concrete and concrete block (CMU) walls to protect from moisture and water infiltration where exterior application is not readily accessible. Surface must be dry at time of application. BondTAC™ must penetrate a dry, porous surface in order to prevent further moisture and water infiltration.

Apply BondTAC™ ECO TopCoat to masonry, concrete, cement board, gypsum board, all exterior sheathing boards, such as Dens Glass® and glass-mat sheathing, aluminum, steel, wood substrates, roofing components and shingles, window and door framing and sills to create a water, air & vapor barrier.

BondTAC™ ECO TopCoat is a clear coating. When applied to a surface, it will slightly darken the surface and give it a “wet” look. BondTAC™ ECO TopCoat can also be custom ordered in any color. The coloring procedure is done at the factory during the manufacturing process, so custom color orders are subject to minimum quantities. For questions on how to order a custom color, please speak with your local distributor or sales representative, or call BondTAC directly.

BondTAC™ ECO TopCoat may also be used as a corrosion protective coating for all metal components, fasteners, sheet metal, etc.

Apply BondTAC™ ECO TopCoat in a uniform manner to provide a tough, impenetrable moisture barrier for maximum waterproofing protection. BondTAC™ applies quickly and easily at any temperature. No special tools are required and no installer certification – BondTAC™ applies like paint! Unlike conventional barrier membranes that only coat the surface, BondTAC™ penetrates into substrates such as concrete and mortar and provides a tenacious bond. Once applied, the membrane is impermeable to water.

Proper Application Methods for BondTAC™ ECO TopCoat:

When applying BondTAC™ waterproofing membranes, there are a few required preparatory steps.

- **The surface MUST be clean.** BondTAC™ ECO TopCoat will adhere permanently to whatever it is applied to, including dust and loose debris on the application surface.
- **The surface MUST be completely dry.** BondTAC™ ECO TopCoat repels water, and will not bond properly with a damp or wet surface.
- **Make sure all gaps and holes are filled in.** BondTAC™ ECO TopCoat is a thin membrane, and is not designed to fill gaps, spaces, or holes. Use an acrylic-based patching compound or mastic to fill in any applicable areas, and wait for it to FULLY CURE / DRY before applying BondTAC™ ECO TopCoat. BondTAC™ ECO TopCoat can be used over hairline cracks.
- **ONLY use acrylic-based products with BondTAC™ ECO TopCoat.** Only acrylic (water)-based paints or other products may be used under BondTAC™ ECO TopCoat. BondTAC™ ECO TopCoat will bond powerfully with any substrate (even low-energy non-stick surfaces such as Teflon!), but it will not bond with oil-based products or coatings.
- **Application Temperature Range:** BondTAC™ ECO TopCoat can be applied in temperatures ranging from 10°F (-12°C) to 110°F (43.3°C). When applying BondTAC™ ECO TopCoat in ambient temperatures below 60°F (15.6°C), it may be necessary to warm the container to improve the viscosity.

Application Instructions: Please read entire instructions before using BondTAC™ ECO TopCoat:

Once the surface is ready for application, you need to determine how many coats of BondTAC™ ECO TopCoat will be needed. A non-porous surface, such as fiberglass sheathing board (ex. DensGlass), or metal will require only one coat of BondTAC™ ECO TopCoat, while a porous surface such as cement board, drywall or concrete will require two coats. Use a paint-grade roller and / or brush to apply BondTAC™ ECO TopCoat. For smooth surfaces, a short nap roller is recommended, such as 1/4-inch nap. For rougher surfaces, use a longer nap roller to ensure that coverage is seamless.

After the first coat is applied, allow it to cure for 45 minutes to 1 hour, depending on ambient temperature and humidity, before applying the second coat.

Make sure to use only a thin coat (per coat) – BondTAC™ ECO TopCoat achieves its full capacity at an 8 mil thick coat (or 16 mil thick for two coats) when cured.

BondTAC™ ECO TopCoat will become tack-free in less than 60 minutes at 70°F (21°C), and requires 24 to 48 hours to fully cure.

LIMITATIONS:

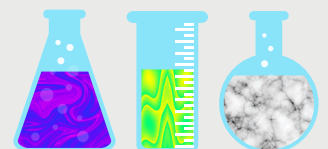
BondTAC™ ECO TopCoat is NOT recommended for use with foam rubber, XPS, EPS, or Styrofoam insulation. Solvent in the product will attack and damage / destroy these materials. Use BondTAC™ S-1430 with all types of rigid & non-rigid foam products and materials.

CLEAN UP:

Use a solvent-based cleaner when necessary to clean tools, clean up spills, and remove excess product.

PRODUCT PROPERTIES:

Physical State:	Mobile Liquid
Color:	Clear
Non-Volatiles	51-53%
Viscosity	4800 cps (Brookfield LVT Spindle #3 @ 23°C)
Specific Gravity	Specific Gravity: 1.3 (U.S. Standard M.W.G Cup @ 24°C)
Dry Time	Tack-Free in less than 60 minutes @ 23°C. Cure time: 48 hours.
Coverage	100 –150 sq. ft. per gallon (depending on the porosity and texture of the application surface)







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