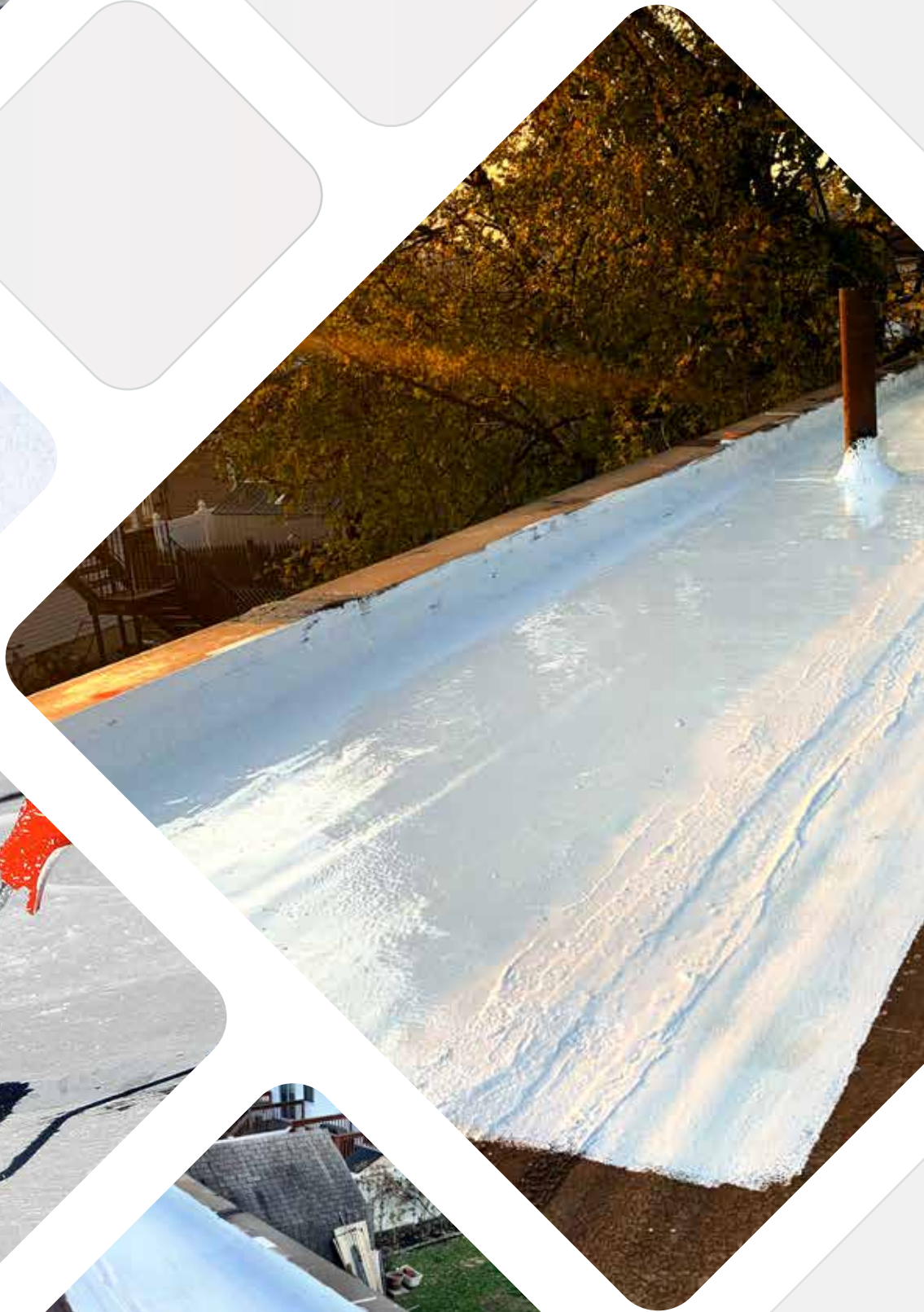




DATA SHEET

BONDTAC WHITECOAT

WEATHERPROOF HIGHLY REFLECTIVE FLEXIBLE COATING



BOND TAC WHITE COAT

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DESCRIPTION:

BondTAC™ WhiteCoat is a tough, resilient, waterproof coating system for demanding waterproofing applications on interior and exterior substrates, such as cement foundation and retaining walls, flat roofs, elevator shafts, basement and parking garage walls, and all other building surfaces.

FEATURES & BENEFITS:

- Hydrophobic – Waterproof & Water Repellant
- Air & Vapor Barrier
- UV Resistant
- Highly reflective - helps maintain cooler temperatures in building interiors.
- Resistant to Acids & Air / Waterborne Contaminants
- Flexible – Will Not Crack or Peel
- Corrosion Protection
- Can Be Applied in Extremely Low Temperatures
- Resistant to Mold, Fungus & Bacterial Growth
- Low – VOC
- 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™ WhiteCoat to create a durable and virtually impenetrable membrane on demanding waterproofing applications, such as cement foundation and retaining walls, flat roofs, elevator shafts, basement and parking garage walls, and most other building surfaces. BondTAC™ WhiteCoat forms a continuous and seamless water- impenetrable membrane.

BondTAC™ WhiteCoat 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™ WhiteCoat 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™ WhiteCoat forms a bright white, highly reflective coating, which maintains cooler roof and wall temperatures, reducing heat transmission into building interiors.

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

Apply BondTAC™ WhiteCoat 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™ WhiteCoat:

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

- **The surface MUST be clean.** BondTAC™ WhiteCoat 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™ WhiteCoat repels water, and will not bond properly with a damp or wet surface.
- **Make sure all gaps and holes are filled in.** BondTAC™ WhiteCoat 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™ WhiteCoat. BondTAC™ WhiteCoat can be used over hairline cracks.
- **ONLY use acrylic-based products with BondTAC™ WhiteCoat.** BondTAC™ 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™ WhiteCoat can be applied in temperatures ranging from 0°F (-17.8°C) to 110°F (43.3°C).

Application Instructions: Please read entire instructions before using BondTAC™ WhiteCoat:

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™ WhiteCoat achieves its full capacity at an 8 mil thick coat (or 16 mil thick for two coats) when cured.

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

In extremely cold or hot environments, it may be necessary to add some BondTAC™ 800 Diluent & Surface Lubricant to the BondTAC™ WhiteCoat. This will adjust the viscosity to make it easier to roll or brush the BondTAC™ WhiteCoat. BondTAC™ WhiteCoat cannot freeze, but in very cold temperatures, the viscosity will change slightly. In extremely hot environments, BondTAC™ WhiteCoat will cure faster, so the addition of BondTAC™ 800 Diluent & Surface Lubricant will make it easy to roll or brush the BondTAC™ WhiteCoat before the solvents begin to evaporate. In either case this should be determined at the job site, based on the actual circumstances encountered by the application team and the site supervisor.

LIMITATIONS:

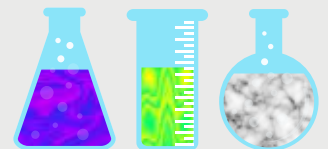
BondTAC™ WhiteCoat is NOT recommended for use with foam rubber, XPS, EPS, or Styrofoam insulation. Solvent in the product will attack and damage / destroy these materials. Use BondTAC™ S-1430 with all types of rigid & non-rigid foam products and materials.

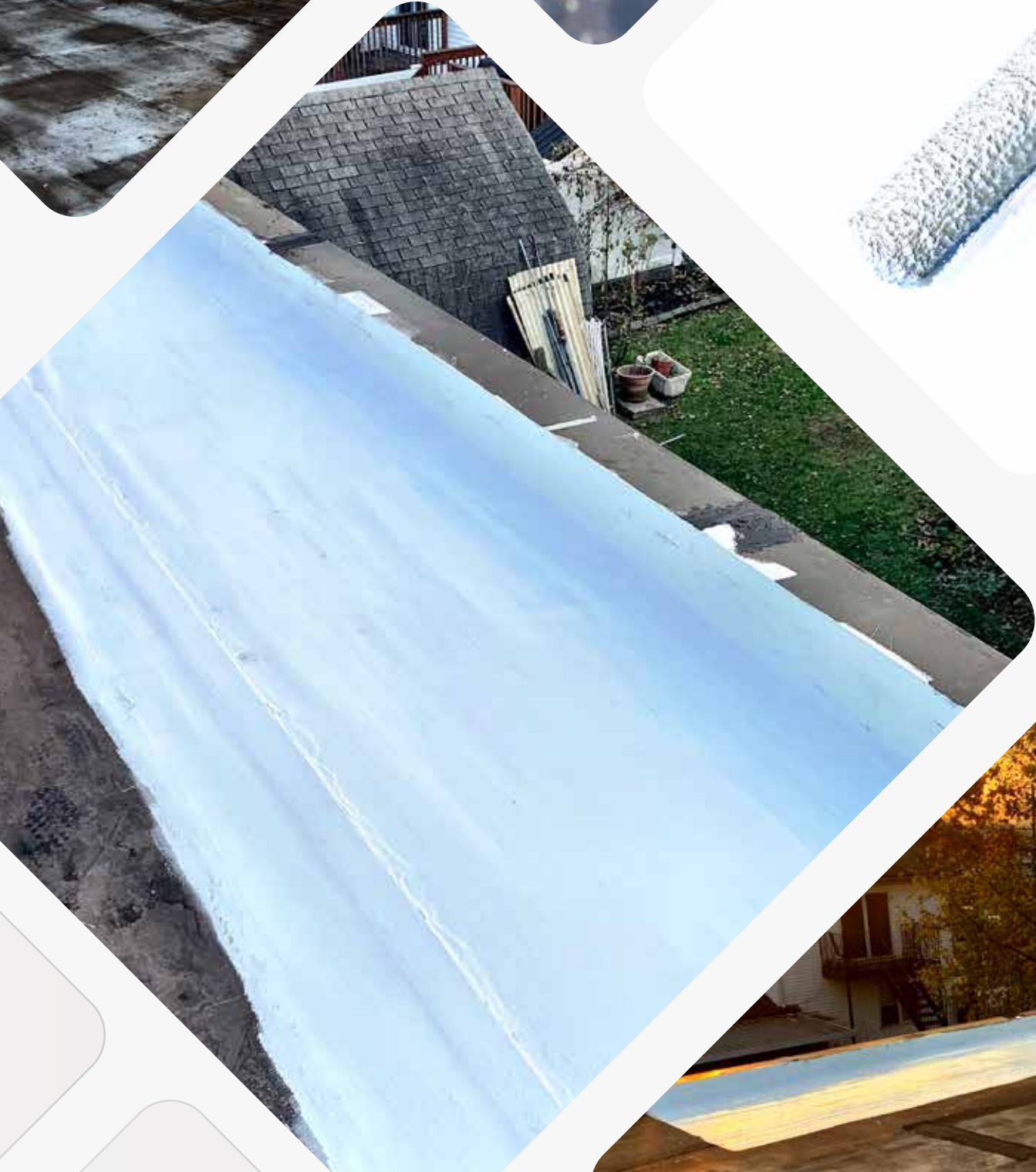
CLEAN UP:

Use BondTAC™ 800 Diluent & Surface Lubricant when necessary, to thin the coatings, clean tools and clean up spills and remove excess product.

PRODUCT PROPERTIES:

Physical State:	Mobile Liquid
Color:	Bright, Reflective White
Non-Volatiles	60-63%
Viscosity	1600 – 1800 cps (Brookfield LVT Spindle #3@30RPM@ 24°C)
Specific Gravity	1.1 - 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)





The logo for BOND TAC features the word "BOND TAC" in a bold, orange, sans-serif font. The text is centered between two thick, horizontal orange bars.

Bondtac Technologies Incorporated

1 Imperial Court
Brampton, Ontario, Canada L6T 4X4

 www.bondtac.com



OMNE
CHEMICALS INC.

OMNE Chemicals Incorporated

263 Fareway Lane
Grand Island, New York 14072

 www.omnechemicals.com