



# WATERPROOFING MEMBRANES

Hydrophobic | Elastomeric | Adhesive | Air & Vapor Barrier



**OMNE**  
CHEMICALS INC.

**BOND TAC**

# Table of Contents

BondTAC General Product Overview	Slide 3
Typical Construction Applications	Slides 4 - 8
BondTAC ECO 1500 Overview	Slides 9 - 11
BondTAC 1500 Overview	Slides 12 - 13
BondTAC S-1430 Overview	Slides 14 - 15
BondTAC Projects	Slides 16 - 19
Full Product Capability Overview	Slides 20 - 29
BondTAC Product Testing and Application Video	Slides 30 – 31
Contact Info	Slide 32

## General Overview

**Elastomeric Waterproofing Membrane** - 100% waterproof & hydrophobic (repels water from its surface). This is the primary purpose of the BondTAC products.

**Complete, non-permeable air & vapor barrier** – especially useful in showers / steam rooms / building facades – does not allow any air to pass through.

**Powerful adhesive** – BondTAC is a PSA (Pressure-Sensitive Adhesive). What this means is that not only does BondTAC bond powerfully with just about every type of substrate & surface material it is applied to, if two surfaces that are coated with BondTAC are pressed together, they bond immediately and permanently.

**Elastomeric** – BondTAC is not only flexible, it also possesses great elasticity. It stretches like a rubber band. This is useful when a surface that BondTAC has been applied to develops small cracks over time, such as foundation / basement walls. The BondTAC will stretch and maintain the protection. This is important in showers as well, where small cracks can develop in the cement board walls when the structure shifts and settles. BondTAC absorbs the movement, and helps prevent the thin set and tiles from cracking.

**Hydrostatic pressure resistant** – BondTAC can withstand negative pressure in excess of 45 psi. This is helpful in basement applications, where moisture is coming through the walls during heavy rains. The cement foundation absorbs the water, but the water cannot push through the BondTAC that's been applied to the interior of the basement walls. The best way to waterproof is from the outside, to protect the physical structure from water damage. However, if it is not possible to access the exterior of the foundation, coating the interior basement walls will prevent the water from getting into the basement.

**Corrosion prevention** – BondTAC prevents water and air (the two causes of rust & corrosion) from touching the surface of metals that it's applied to. This is useful for protecting rebar, metal anchors & components, etc.

**Superior coverage** – BondTAC's value, and what makes it more economical than other products, is its vastly superior coverage.

-Typical liquid waterproofing membranes require at least a 60 mil thick coating, and have a lot of mineral fillers to give them body and sag resistance. Typical coverage for these membranes is 20-30 square feet per gallon.

-BondTAC requires only 5 mil per coat. So, on porous surfaces where two coats are required, you have a coating that should not be more than 10 mil thick - 1/6 the thickness of competitors. -

-Because of this, BondTAC will cover up to 140 square feet per gallon on smooth porous surfaces, with both coats applied, and up to 400-500 square feet per gallon on non-porous surfaces (and only one coat is required for non-porous surfaces).



**OMNE**  
CHEMICALS INC.

**BONDTAC**

# Typical Construction Applications

# BOND-TAC IS TYPICALLY USED FOR THE FOLLOWING CONSTRUCTION APPLICATIONS



New or Existing Foundation  
Waterproofing and Insulating



New or Existing Basement  
Waterproofing and Insulating



New Shower Construction Waterproofing  
and Air & Vapor Protection

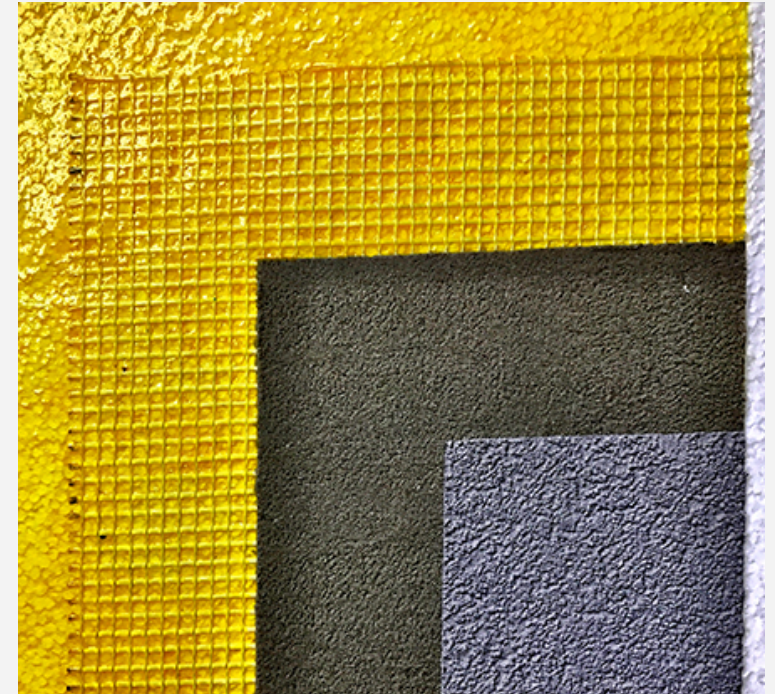
# BONDTAC IS TYPICALLY USED FOR THE FOLLOWING CONSTRUCTION APPLICATIONS



New or Existing Roof Construction and Repair

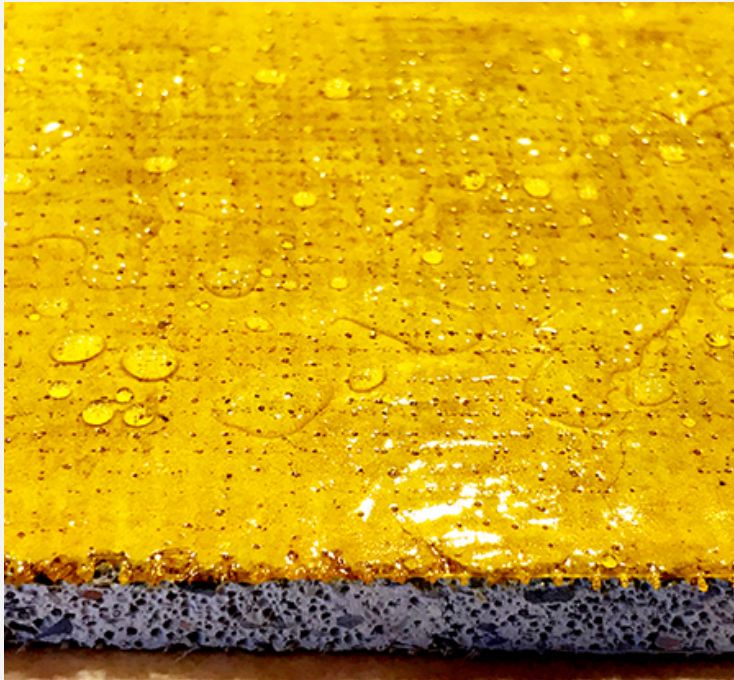


New Green Roof Construction

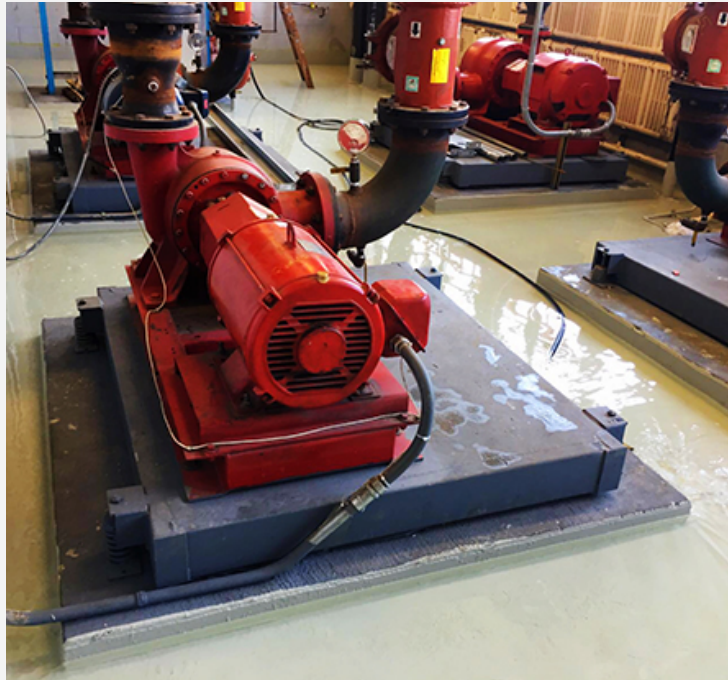


Building Façade & Stucco Construction and Restoration Waterproofing, Air & Vapor Protection, and Adhesion of Surface Components

# BOND-TAC IS TYPICALLY USED FOR THE FOLLOWING CONSTRUCTION APPLICATIONS



All Types of Concrete Construction and Restoration Waterproofing, Air & Vapor Protection, and Adhesion of Surface Components



Mechanical / Boiler Room Floor & Wall Waterproofing



New or Existing Deck Construction and Repair

# BONDTAC IS TYPICALLY USED FOR THE FOLLOWING CONSTRUCTION APPLICATIONS



New or Existing In-Ground Pool  
Construction and Repair



New or Existing Commercial and  
Residential Kitchen Wet Area  
Waterproofing



New or Existing Commercial and  
Residential Parking Garage  
Waterproofing...And much more!





**OMNE**  
CHEMICALS INC.

**BOND TAC**

# Product Overview

**BondTAC ECO 1500**

**BondTAC 1500**

**BondTAC S-1430**

**Waterproofing Membrane** - 100% waterproof & Hydrophobic (repels water from its surface). This is the primary purpose of the BondTAC products.

**Adhesive** – *BondTAC ECO 1500* is a premium adhesive products

*BondTAC ECO 1500* is **VOC-free** (no HAZMAT shipping requirements).

*BondTAC ECO 1500* is a one part system – There are other liquid waterproofing products on the market. However, none of them combine all of the features that BondTAC possesses

- Hydrophobic,
- zero-permeable air & vapor barrier,
- powerful adhesive,
- fully elastomeric,
- hydrostatic pressure resistant – exceeds 45 psi of hydrostatic (negative) pressure,
- corrosion protection for metals, and
- extremely superior coverage compared to similar products.

What this means is that the customer receives a product that offers exceptional performance in its primary capacity (waterproofing), and also provides a multitude of other features that would normally require other products to achieve.

- So, when waterproofing a shower, you don't need a separate air & vapor barrier.
- This reduces both the cost of additional materials, and more importantly, the cost of labor to install them.
- Many other waterproofing products require multiple components for their “system” – primer, mesh / fleece, and liquid membrane.
- BondTAC is simply the liquid membrane, and the other components are not needed.

**Corrosion prevention** - Coating BondTAC on metal surfaces prevents both water and air – the two causes of rust & corrosion – from coming into contact with the metal.

**Fire resistance** - All of the *BondTAC* waterproofing membranes are fire resistant when fully cured. This is **NOT** to be confused with fire proofing. Fire resistant means that in its cured state, BondTAC does not burn, does not allow flame to spread, and it does not produce smoke. BondTAC is thermoplastic, which means that under extreme heat (exposure to high temperature flame) it will deteriorate. But this deterioration will not contribute to a fire.

*BondTAC ECO 1500* is **NOT** Flammable in Liquid form

**Coverage** - Generally only need 5 mil thickness per coat coverage depending on surface its going it on. Significantly less then competitor products

More coverage per gallon than competitors

If on smooth non-porous area - approx. 400 – 500 sq. ft. per gallon

If on smooth concrete surface area - approx. 140 sq. ft. per gallon

*BondTAC ECO 1500* has no fillers, extremely elastic and strong.

*BondTAC ECO 1500* Fully cured in 24-48 hrs. (varies due to weather conditions). However, if the surface is accidentally subjected to water (exterior – rain unexpectedly occurs), the water will not harm the BondTAC coating.

*BondTAC ECO 1500* can be applied in temperatures ranging from 20 F (-6.7 C) to 110 F (43.3 C). In temperatures below 60 F, it may be desirable to warm the container to improve the viscosity. This is at the discretion of the applicator / site supervisor.

# BOND TAC<sup>ECO</sup> 1500<sup>TM</sup>

WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

## DESCRIPTION:

BondTAC<sup>ECO</sup> 1500 is a specially formulated waterproof elastomeric membrane and adhesive coating.

## FEATURES & BENEFITS:

- Hydrophobic – Waterproof & Water Repellant
- Hydrostatic Pressure Resistant – Exceeds 45psi in Accordance with ASTM C 1306-08
- Air & Vapor Barrier
- Elastomeric – Flexible & Stretches
- Powerful Adhesive & Aggressive Tack
- Prevents Rust & Corrosion
- Easily Applied at Normal & Low Temperatures
- Sticks to Virtually Any Surface (No Primer Needed)
- Resistant to Mold, Fungus, & Bacterial Growth
- Fire Resistant
- Zero VOCs
- Paintable – Can Be Used Under BondTAC<sup>ECO</sup> Brand Products or Latex (Water) Based Paint Finishes. Not to Be Used with Oil-Based Products.

## INSTALLATION/APPLICATION



BRUSH



LONG NAP ROLLER  
FOR ROUGH SURFACES



SHORT NAP ROLLER  
FOR SMOOTH SURFACES

## PERFORMANCE & COMPLIANCE:

- ASTM E 96-05 – Standard Test Methods for Water Vapor Transmission of Materials
- ASTM C 1306-08 – Standard Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane
- ASTM E84-16: Standard Test Method for Surface Burning Characteristics of Building Materials
- CAN/ULC-S102 – Standard Test Method for Surface Burning Characteristics of Building Materials and Assemblies
- ASTM D4206: UN TDG Test L.2 Sustained Combustibility – Non-flammable & Non-combustible

## PACKAGING

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

## WHERE TO USE:

BondTAC<sup>ECO</sup> 1500 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 BondTAC<sup>ECO</sup> 1500 on exterior and interior concrete and concrete block walls to protect from moisture and water infiltration where exterior application is not readily accessible. Surface must be dry at time of application.

BondTAC<sup>ECO</sup> 1500 must penetrate a dry, porous surface in order to prevent further moisture and water infiltration.

Apply BondTAC<sup>ECO</sup> 1500 to masonry, concrete, cement board, gypsum board, all exterior sheathing boards, such as Dens Glass<sup>®</sup> and glass-mat sheathing, aluminum, steel, wood substrates, roofing components and shingles; window and door framing and sills to produce a water & vapor barrier.

BondTAC<sup>ECO</sup> 1500 may be used as a waterproofing adhesive membrane for concrete, stone and other multipurpose applications where the use of an elastic waterproofing membrane is required to minimize water penetration of surfaces subject to hairline cracks.

BondTAC<sup>ECO</sup> 1500 provides an excellent crack isolation barrier for shower enclosures, shower pans and tub surrounds. It may also be used as an excellent primer for self-adhesive air & vapor barrier membranes, systems or components over porous and non-porous substrates and as a primer to enhance the adhesion of silicone and polyurethane sealants.

BondTAC<sup>ECO</sup> 1500 may be used to adhere virtually any substrate to each other, including, laps of polyethylene sheets, housewraps, wood, metal, gypsum board and most other construction materials. See the section on limitations.

BondTAC<sup>ECO</sup> 1500 may also be used as a corrosion protective primer for all metal components, fasteners, sheet metal, etc. In applications where a topcoat finish is desirable, any protective coating may be used with the following exception: Oil-based enamels and varnishes are not suitable with BondTAC<sup>ECO</sup> waterproofing products. See Application Instructions for detailed information.

When dry, BondTAC<sup>ECO</sup> 1500's adhesive characteristics will allow it to be used to adhere rigid polystyrene insulation.

## Proper Application Methods for BondTAC<sup>ECO</sup> 1500:

When applying BondTAC<sup>ECO</sup> 1500, there are a few required preparatory steps.

- **The surface MUST be clean.** BondTAC<sup>ECO</sup> 1500 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<sup>ECO</sup> 1500 repels water, and will not bond properly with a damp or wet surface.
- **Make sure all gaps and holes are filled in.** BondTAC<sup>ECO</sup> 1500 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<sup>ECO</sup> 1500. BondTAC<sup>ECO</sup> 1500 can be used over hairline cracks.
- **ONLY use acrylic-based products with BondTAC<sup>ECO</sup>.** Only acrylic-based paints, thin sets, etc. may be applied to the BondTAC<sup>ECO</sup> 1500 surface. BondTAC<sup>ECO</sup> 1500 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<sup>ECO</sup> 1500 can be applied in temperatures ranging from 20°F (-6.7°C) to 110°F (43.3°C). When applying BondTAC<sup>ECO</sup> 1500 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<sup>ECO</sup> 1500:

Keep container tightly closed when not in use. Store in a cool, dry place.

Surfaces to be coated must be sound and clean, dry and free from dust, dirt, grease, oil and other foreign matter.

Once the surface is ready for application, you need to determine how many coats of BondTAC<sup>ECO</sup> 1500 will be needed. A non-porous surface, such as fiberglass sheathing board (ex. DensGlass), or metal will require only one coat of BondTAC<sup>ECO</sup> 1500, 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<sup>ECO</sup> 1500. 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<sup>ECO</sup> 1500 achieves its full capacity at a 5 mil thick coat (or 10 mil thick for two coats) when cured.

BondTAC<sup>ECO</sup> 1500 requires 24 to 48 hours to cure before applying any surfacing product, such as thin set or latex paint. This excludes BondTAC<sup>ECO</sup> brand coatings, which can be applied in one hour after the final coat of BondTAC<sup>ECO</sup> 1500 has been applied.

If using a non-BondTAC<sup>ECO</sup> brand product, it is recommended that a small area is tested for compatibility. After the BondTAC<sup>ECO</sup> 1500 has fully cured, apply a small amount of the surfacing product. If the product cures normally, it is compatible. If it merges with the BondTAC<sup>ECO</sup> 1500 and both become gummy, it is not compatible.

If you are using BondTAC<sup>ECO</sup> 1500 to bond solid items together, such as plywood to concrete or fiberglass sheathing board to plywood, you will need to coat both surfaces with the appropriate number of coats of BondTAC<sup>ECO</sup> 1500, wait at least thirty (30) minutes at ambient room temperature, and then press the surfaces together firmly and evenly. If the BondTAC<sup>ECO</sup>-coated surface is left exposed for too long and is no longer tacky due to dust or other airborne particles collecting on the surface, simply apply one additional thin coat of BondTAC<sup>ECO</sup> 1500 to restore the tack. The new coat will bond permanently with the existing coats.

## LIMITATIONS:

BondTAC<sup>ECO</sup> 1500 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<sup>ECO</sup> 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 and clean up spills and remove excess product.

## PRODUCT PROPERTIES:

Non-Volatiles:	51 – 53%
Viscosity	7000 cps @ 23°C
Specific Gravity	1.125 @ 23°C
Tack-up Time	1 hour
Coverage	225 – 500 sq. ft. per gallon, per coat (depending on the porosity and texture of the application surface) Typical porous surface coverage: 130 – 140 square feet per gallon, both coats applied, on smooth cement. Typical non-porous surface coverage: 450 – 500 square feet per gallon, single coat, on sheet metal.



# BOND TAC 1500™

LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**Waterproofing Membrane** - 100% waterproof & Hydrophobic (repels water from its surface). This is the primary purpose of the BondTAC products.

**Adhesive** – *BondTAC 1500* is a premium adhesive products

*BondTAC 1500* is a **low-VOC product**

*BondTAC 1500* is a **one part system** – There are other liquid waterproofing products on the market. However, none of them combine all of the features that BondTAC possesses

- Hydrophobic,
- zero-permeable air & vapor barrier,
- powerful adhesive,
- fully elastomeric,
- hydrostatic pressure resistant – exceeds 45 psi of hydrostatic (negative) pressure,
- corrosion protection for metals, and
- extremely superior coverage compared to similar products.

What this means is that the customer receives a product that offers exceptional performance in its primary capacity (waterproofing), and also provides a multitude of other features that would normally require other products to achieve.

- So, when waterproofing a shower, you don't need a separate air & vapor barrier.
- This reduces both the cost of additional materials, and more importantly, the cost of labor to install them.
- Many other waterproofing products require multiple components for their "system" – primer, mesh / fleece, and liquid membrane.
- BondTAC is simply the liquid membrane, and the other components are not needed.

# WATERPROOFING MEMBRANES

Hydrophobic | Elastomeric | Adhesive | Air & Vapor Barrier

**Corrosion prevention** - Coating BondTAC on metal surfaces prevents both water and air – the two causes of rust & corrosion – from coming into contact with the metal.

**Fire resistance** - All of the *BondTAC* waterproofing membranes are fire resistant when fully cured. This is **NOT** to be confused with fire proofing. Fire resistant means that in its cured state, BondTAC does not burn, does not allow flame to spread, and it does not produce smoke. BondTAC is thermoplastic, which means that under extreme heat (exposure to high temperature flame) it will deteriorate. But this deterioration will not contribute to a fire.

**Coverage** - Generally only need 5 mil thickness per coat coverage depending on surface its going it on. Significantly less than competitor products

More coverage per gallon than competitors

- If on smooth non-porous area - approx. 400 – 500 sq. ft. per gallon
- If on smooth concrete surface area - approx. 140 sq. ft. per gallon

*BondTAC 1500* has no fillers, extremely elastic and strong.

*BondTAC 1500* Fully cured in 24-48 hrs. (varies due to weather conditions). However, if the surface is accidentally subjected to water (exterior – rain unexpectedly occurs), the water will not harm the BondTAC coating.

*BondTAC 1500* can be applied in temperatures ranging from sub-zero to extremely hot. In extremely cold or hot environments, typically below 20°F (-6.7°C) or above 100°F (37.8°C), it may be necessary to add the appropriate BondTAC™ diluent: BondTAC™ 800 Diluent & Surface Lubricant. This will adjust the viscosity to make it easier to roll or brush the BondTAC™ 1500. BondTAC™ 1500 cannot freeze, but in very cold temperatures, the viscosity will change slightly. In extremely hot environments, BondTAC™ 1500 will cure faster, so the addition of BondTAC™ 800 Diluent & Surface Lubricant will make it easy to roll or brush the BondTAC™ 1500 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.

# BOND TAC 1500™

LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

## DESCRIPTION:

BondTAC™ 1500 is a specially formulated, low-VOC, waterproof elastomeric membrane and adhesive coating.

## FEATURES & BENEFITS:

- Hydrophobic – Waterproof & Water Repellant
- Hydrostatic Pressure Resistant – Exceeds 45psi in Accordance with ASTM C 1306-08
- Air & Vapor Barrier
- Elastomeric – Flexible & Stretches
- Powerful Adhesive & Aggressive Tack
- Prevents Rust & Corrosion
- Easily Applied at Normal & Low Temperatures
- Sticks to Virtually Any Surface (No Primer Needed)
- Resistant to Mold, Fungus, & Bacterial Growth
- Fire Resistant
- Low VOCs
- Paintable – Can Be Used Under BondTAC™ Brand Products or Latex (Water) Based Paint Finishes. Not to Be Used with Oil-Based Products.

## INSTALLATION/APPLICATION



BRUSH



LONG NAP ROLLER  
FOR ROUGH SURFACES



SHORT NAP ROLLER  
FOR SMOOTH SURFACES

## PERFORMANCE & COMPLIANCE:

- ASTM E 96-05 – Standard Test Methods for Water Vapor Transmission of Materials
- ASTM C 1306-08 - Standard Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane
- CAN/ULC-S102 - Standard Test Method for Surface Burning Characteristics of Building Materials and Assemblies
- 40 CFR 51.100 - U.S. Environmental Protection Agency Definition of VOC Exemption
- SOR-2009/264 - VOC Concentration Limits for Architectural Coatings

## PACKAGING

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

## WHERE TO USE:

BondTAC™ 1500 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 BondTAC™ 1500 on exterior and interior concrete and concrete block walls to protect from moisture and water infiltration where exterior application is not readily accessible. Surface must be dry at time of application.

BondTAC™ 1500 must penetrate a dry, porous surface in order to prevent further moisture and water infiltration.

Apply BondTAC™ 1500 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 produce a water & vapor barrier.

BondTAC™ 1500 may be used as a waterproofing adhesive membrane for concrete, stone and other multipurpose applications where the use of an elastic waterproofing membrane is required to minimize water penetration of surfaces subject to hairline cracks.

BondTAC™ 1500 provides an excellent crack isolation barrier for shower enclosures, shower pans and tub surrounds. It may also be used as an excellent primer for self-adhesive air & vapor barrier membranes, systems or components over porous and non-porous substrates and as a primer to enhance the adhesion of silicone and polyurethane sealants.

BondTAC™ 1500 may be used to adhere virtually any substrate to each other, including, laps of polyethylene sheets, housewraps, wood, metal, gypsum board and most other construction materials. See the section on limitations.

BondTAC™ 1500 may also be used as a corrosion protective primer for all metal components, fasteners, sheet metal, etc. In applications where a topcoat finish is desirable, any protective coating may be used with the following exception: Oil-based enamels and varnishes are not suitable with BondTAC™ waterproofing products. See Application Instructions for detailed information.

When dry, BondTAC™ 1500's adhesive characteristics will allow it to be used to adhere rigid polystyrene insulation.

## Proper Application Methods for BondTAC™ 1500:

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

- **The surface MUST be clean.** BondTAC™ 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™ repels water, and will not bond properly with a damp or wet surface.
- **Make sure all gaps and holes are filled in.** BondTAC™ 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™. BondTAC™ can be used over hairline cracks.
- **ONLY use acrylic-based products with BondTAC™.** Only acrylic-based paints, thin sets, etc. may be applied to the BondTAC™ surface. 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™ 1500 can be applied in temperatures ranging from sub-zero to extremely hot. In extremely cold or hot environments, typically below 20°F (-6.7°C) or above 100°F (37.8°C), it may be necessary to add the appropriate BondTAC™ Diluent & Surface Lubricant. For details, see Application Instructions below.

## Application Instructions: Please read entire instructions before using BondTAC™ 1500:

**Keep container tightly closed when not in use. Store in a cool, dry place.**

**Surfaces to be coated must be sound and clean, dry and free from dust, dirt, grease, oil and other foreign matter.**

Once the surface is ready for application, you need to determine how many coats of BondTAC™ 1500 will be needed. A non-porous surface, such as fiberglass sheathing board (ex. DensGlass), or metal will require only one coat of BondTAC™ 1500, 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™ 1500. 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™ 1500 achieves its full capacity at a 5 mil thick coat (or 10 mil thick for two coats) when cured.

BondTAC™ 1500 requires 24 to 48 hours to cure before applying any surfacing product, such as thin set or latex paint. This excludes BondTAC™ brand coatings, which can be applied in one hour after the final coat of BondTAC™ 1500 has been applied.

If using a non- BondTAC™ brand product, it is recommended that a small area is tested for compatibility. After the BondTAC™ 1500 has fully cured, apply a small amount of the surfacing product. If the product cures normally, it is compatible. If it merges with the BondTAC™ 1500 and both become gummy, it is not compatible.

If you are using BondTAC™ 1500 to bond solid items together, such as plywood to concrete or fiberglass sheathing board to plywood, you will need to coat both surfaces with the appropriate number of coats of BondTAC™ 1500, wait at least thirty (30) minutes at ambient room temperature, and then press the surfaces together firmly and evenly. If the BondTAC™-coated surface is left exposed for too long and is no longer tacky due to dust or other airborne particles collecting on the surface, simply apply one additional thin coat of BondTAC™ 1500 to restore the tack. The new coat will bond permanently with the existing coats.

If adjustments will need to be made, use BondTAC™ 800 Diluent & Surface Lubricant. Once the two surfaces have been properly coated with BondTAC™ 1500, apply a thin coat of BondTAC™ 800 Diluent & Surface Lubricant. Once BondTAC™ 800 Diluent & Surface Lubricant has been applied, the object being bonded can be maneuvered for 5 to 10 minutes before the bond becomes active.

In extremely cold or hot environments, it may be necessary to add some BondTAC™ 800 Diluent & Surface Lubricant to the BondTAC™ 1500. This will adjust the viscosity to make it easier to roll or brush the BondTAC™ 1500. BondTAC™ 1500 cannot freeze, but in very cold temperatures, the viscosity will change slightly. In extremely hot environments, BondTAC™ 1500 will cure faster, so the addition of BondTAC™ 800 Diluent & Surface Lubricant will make it easy to roll or brush the BondTAC™ 1500 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:

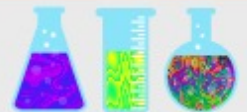
BondTAC™ 1500 is NOT recommended for use with foam rubber, XPS, EPS, or Styrofoam insulation. Solvent in the product will attack and damage / destroy these materials. Use BondTAC™ S-1430 with all types of rigid & non-rigid foam products and materials.

## CLEAN UP:

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

## PRODUCT PROPERTIES:

Non-Volatiles:	52%
Viscosity	400-600 cps
Specific Gravity	0.97 (@ 26°C)
Tack-up Time	1 hour
Coverage	225 – 500 sq. ft. per gallon, per coat (depending on the porosity and texture of the application surface) Typical porous surface coverage: 130 – 140 square feet per gallon, both coats applied, on smooth cement. Typical non-porous surface coverage: 450 – 500 square feet per gallon, single coat, on sheet metal.



# BOND TAC S-1430™

XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

# WATERPROOFING MEMBRANES

Hydrophobic | Elastomeric | Adhesive | Air & Vapor Barrier

**BondTAC S-1430** Waterproofing Membrane - 100% waterproof & Hydrophobic (repels water from its surface). Specially formulated elastomeric membrane and adhesive coating designed for use on ridged polystyrene insulation (**XPS, EPS and Styrofoam board**).

**Adhesive** – **BondTAC S-1430** is a premium adhesive products

**BondTAC S-1430** is a **one part system** – There are other liquid waterproofing products on the market. However, none of them combine all of the features that BondTAC possesses

- Hydrophobic,
- Zero-permeable air & vapor barrier,
- Powerful adhesive,
- Fully elastomeric,
- Hydrostatic pressure resistant – exceeds 45 psi of hydrostatic (negative) pressure,
- Corrosion protection for metals, and
- Extremely superior coverage compared to similar products.

What this means is that the customer receives a product that offers exceptional performance in its primary capacity (waterproofing), and also provides a multitude of other features that would normally require other products to achieve.

- So, when waterproofing a shower, you don't need a separate air & vapor barrier.
- This reduces both the cost of additional materials, and more importantly, the cost of labor to install them.
- Many other waterproofing products require multiple components for their "system" – primer, mesh / fleece, and liquid membrane.
- BondTAC is simply the liquid membrane, and the other components are not needed.

**Corrosion prevention** - Coating BondTAC on metal surfaces prevents both water and air – the two causes of rust & corrosion – from coming into contact with the metal.

**Fire resistance** - All of the **BondTAC** waterproofing membranes are fire resistant when fully cured. This is **NOT** to be confused with fire proofing. Fire resistant means that in its cured state, BondTAC does not burn, does not allow flame to spread, and it does not produce smoke. BondTAC is thermoplastic, which means that under extreme heat (exposure to high temperature flame) it will deteriorate. But this deterioration will not contribute to a fire.

**Coverage** - Generally only need 5 mil thickness per coat coverage depending on surface its going it on. Significantly less than competitor products

More coverage per gallon than competitors

- If on smooth non-porous area - approx. 400 – 500 sq. ft. per gallon
- If on smooth concrete surface area - approx. 140 sq. ft. per gallon

**BondTAC S-1430** has no fillers, extremely elastic and strong.

**BondTAC S-1430** Fully cured in 24-48 hrs. (varies due to weather conditions). However, if the surface is accidentally subjected to water (exterior – rain unexpectedly occurs), the water will not harm the BondTAC coating.

**BondTAC S-1430** can be applied in temperatures ranging from sub-zero to extremely hot. In extremely cold or hot environments, typically below 20°F (-6.7°C) or above 100°F (37.8°C), it may be necessary to add the appropriate BondTAC™ diluent: BondTAC™ 800S Diluent & Surface Lubricant. This will adjust the viscosity to make it easier to roll or brush the **BondTAC S-1430**. **BondTAC S-1430** cannot freeze, but in very cold temperatures, the viscosity will change slightly. In extremely hot environments, BondTAC™ 1500 will cure faster, so the addition of BondTAC™ 800S Diluent & Surface Lubricant will make it easy to roll or brush the **BondTAC S-1430** 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.

# BOND TAC S-1430™

XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

## DESCRIPTION:

BondTAC™ S-1430 is a specially formulated, waterproof elastomeric membrane and adhesive coating, designed for use on rigid polystyrene insulation.

## FEATURES & BENEFITS:

- Hydrophobic – Waterproof & Water Repellant
- Hydrostatic Pressure Resistant – Exceeds 45psi in Accordance with ASTM C 1306-08
- Air & Vapor Barrier
- Safe to Use on Polystyrene Foam Board (XPS, EPS & Styrofoam)
- Elastomeric – Flexible & Stretches
- Powerful Adhesive & Aggressive Tack
- Prevents Rust & Corrosion
- Easily Applied at Normal & Low Temperatures
- Sticks to Virtually Any Surface (No Primer Needed)
- Resistant to Mold, Fungus, & Bacterial Growth
- Fire Resistant
- Paintable – Can Be Used Under BondTAC™ Brand Products or Latex (Water) Based Paint Finishes. Not to Be Used with Oil-Based Products.

## INSTALLATION/APPLICATION



BRUSH



LONG NAP ROLLER  
FOR ROUGH SURFACES



SHORT NAP ROLLER  
FOR SMOOTH SURFACES

## PERFORMANCE & COMPLIANCE:

- ASTM E 96-05 – Standard Test Methods for Water Vapor Transmission of Materials
- ASTM C 1306-08 - Standard Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane
- CAN/ULC-S102 - Standard Test Method for Surface Burning Characteristics of Building Materials and Assemblies

## PACKAGING

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

## WHERE TO USE:

BondTAC™ S-1430 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.

BondTAC™ S-1430 will adhere building components to virtually any surface, including rigid polystyrene insulation, where it provides a protective, waterproof barrier. BondTAC™ S-1430's adhesive characteristics make it suitable to adhere rigid polystyrene insulation (such as XPS) to sheathing boards and other substrates.

Use BondTAC™ S-1430 on exterior and interior concrete and concrete block 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™ S-1430 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 produce a water & vapor barrier.

BondTAC™ S-1430 may be used as a waterproofing adhesive membrane for concrete, stone and other multipurpose applications where the use of an elastic waterproofing membrane is required to minimize water penetration of surfaces subject to hairline cracks.

BondTAC™ S-1430 provides an excellent crack isolation barrier for shower enclosures, shower pans and tub surrounds. It may also be used as an excellent primer for self-adhesive air & vapor barrier membranes, systems or components over porous and non-porous substrates and as a primer to enhance the adhesion of silicone and polyurethane sealants.

BondTAC™ S-1430 may be used to adhere virtually any substrate to each other, including, laps of polyethylene sheets, housewraps, wood, metal, gypsum board and most other construction materials. See the section on limitations.

BondTAC™ S-1430 may also be used as a corrosion protective primer for all metal components, fasteners, sheet metal, etc. In applications where a topcoat finish is desirable, any protective coating may be used with the following exception: Oil-based enamels and varnishes are not suitable with BondTAC™ waterproofing products. See Application Instructions for detailed information.

## Proper Application Methods for BondTAC™ S-1430:

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

- **The surface MUST be clean.** BondTAC™ 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™ repels water, and will not bond properly with a damp or wet surface.
- **Make sure all gaps and holes are filled in.** BondTAC™ 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™. BondTAC™ can be used over hairline cracks.
- **ONLY use acrylic-based products with BondTAC™.** Only acrylic-based paints, thin sets, etc. may be applied to the BondTAC™ surface. 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™ S-1430 can be applied in temperatures ranging from sub-zero to extremely hot. In extremely cold or hot environments, typically below 20°F (-6.7° C) or above 100°F (37.8°C), it may be necessary to add the appropriate BondTAC™ diluent: BondTAC™ 800S Diluent & Surface Lubricant. For details, see Application Instructions below.

## Application Instructions: Please read entire instructions before using BondTAC™ S-1430:

**Keep container tightly closed when not in use. Store in a cool, dry place.**

**Surfaces to be coated must be sound and clean, dry and free from dust, dirt, grease, oil and other foreign matter.**

Once the surface is ready for application, you need to determine how many coats of BondTAC™ S-1430 will be needed. A non-porous surface, such as fiberglass sheathing board (ex. DensGlass), or metal will require only one coat of BondTAC™ S-1430, 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™ S-1430. 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™ S-1430 achieves its full capacity at a 5 mil thick coat (or 10 mil thick for two coats) when cured.

BondTAC™ S-1430 requires 24 to 48 hours to cure before applying any surfacing product, such as thin set or latex paint. This excludes BondTAC™ brand coatings, which can be applied in one hour after the final coat of BondTAC™ S-1430 has been applied.

If using a non-BondTAC™ brand product, it is recommended that a small area is tested for compatibility. After the BondTAC™ S-1430 has fully cured, apply a small amount of the surfacing product. If the product cures normally, it is compatible. If it merges with the BondTAC™ S-1430 and both become gummy, it is not compatible.

If you are using BondTAC™ S-1430 to bond solid items together, such as XPS foam board to concrete or fiberglass sheathing board to plywood, you will need to coat both surfaces with the appropriate number of coats of BondTAC™ S-1430, wait at least thirty (30) minutes at ambient room temperature, and then press the surfaces together firmly and evenly. If the BondTAC™-coated surface is left exposed for too long and is no longer tacky due to dust or other airborne particles collecting on the surface, simply apply one additional thin coat of BondTAC™ S-1430 to restore the tack. The new coat will bond permanently with the existing coats.

If adjustments will need to be made, use BondTAC™ 800S Diluent & Surface Lubricant. Once the two surfaces have been properly coated with BondTAC™, apply a thin coat of BondTAC™ 800S Diluent & Surface Lubricant. Once BondTAC™ 800S Diluent & Surface Lubricant has been applied, the object being bonded can be maneuvered for 5 to 10 minutes before the bond becomes active.

In extremely cold or hot environments, it may be necessary to add some BondTAC™ 800S Diluent & Surface Lubricant to the BondTAC™ S-1430. This will adjust the viscosity to make it easier to roll or brush the BondTAC™ S-1430. BondTAC™ S-1430 cannot freeze, but in very cold temperatures, the viscosity will change slightly. In extremely hot environments, BondTAC™ S-1430 will cure faster, so the addition of BondTAC™ 800S Diluent & Surface Lubricant will make it easy to roll or brush the BondTAC™ S-1430 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.

## CLEAN UP:

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

## PRODUCT PROPERTIES:

Non-Volatiles:	44%
Viscosity	400-600 cps
Specific Gravity	0.83 (@ 26°C)
Tack-up Time	1 hour
Coverage	225 - 500 sq. ft. per gallon, per coat (depending on the porosity and texture of the application surface) Typical porous surface coverage: 130 - 140 square feet per gallon, both coats applied, on smooth cement. Typical non-porous surface coverage: 450 - 500 square feet per gallon, single coat, on sheet metal.





# BondTAC Projects



**BOND TAC**  
WATERPROOF MEMBRANES | SOLVENTS | CONTACT CEMENTS



## RESCUE 2 FIREHOUSE PROJECT BROOKLYN, NY

**Scope of work:** New construction of a landmark fire rescue and training facility in Brooklyn, New York. Initial phase - foundation waterproofing. Originally specified "damp proofing" products could not be used due to very cold weather. Developer submitted BondTAC 1500 to the architect - Studio Gang Architects, and it was approved as a replacement product. The entire foundation was coated with two coats of BondTAC 1500, and one coat of BondTAC was applied to the back of the drainage board, which was then pressed to the coated cement of the foundation wall. The waterproofing was completed, and construction continued on schedule. The project would have been delayed 6-8 weeks due to the cold weather if BondTAC had not been available. As the project progresses, BondTAC will be used throughout multiple other sections of the structure, including wet rooms, showers, scuba training tank, and building façade.

**BOND TAC**

Bondtac Technologies Incorporated  
1 Imperial Court  
Brampton, Ontario, Canada L6T 4X4  
www.BOND TAC.com

**BOND TAC**  
WATERPROOF MEMBRANES | SOLVENTS | CONTACT CEMENTS



## PARAMOUNT HOTEL, NYC

**Scope of work:** Original parapet wall was damaged during storm and the copper cladding had been ripped off. Façade restoration company Benjamin Maintenance was contracted to assess damages, remove damaged sections, repair the damages and install new copper cladding. Benjamin Maintenance applied BondTAC 1500 on the cement layer of the parapet wall for waterproofing, air & vapor barrier, and adhesion. New copper cladding was installed over afterwards.

**BOND TAC**

Bondtac Technologies Incorporated  
1 Imperial Court  
Brampton, Ontario, Canada L6T 4X4  
www.BOND TAC.com

**BOND TAC**  
WATERPROOF MEMBRANES | SOLVENTS | CONTACT CEMENTS

## CO OP FOUNDATION PROJECT BROOKLYN, NY

**Scope of work:** New construction of a 10-unit co-op building in Brooklyn. The construction company needed a durable, complete waterproofing solution for the foundation walls prior to the installation of 3 inch Owens Corning XPS insulation & protection board all around the perimeter. BondTAC technicians assisted & trained the developer's applicators with the preparation and application of BondTAC 1500 over the foundation walls, followed by attaching the XPS board directly to the BondTAC - coated surface. Because BondTAC is a powerful adhesive, no penetrating fasteners were required to anchor the XPS board to the foundation walls. The XPS was simply pressed into the BondTAC. Afterwards, the foundation was backfilled and construction continued.

**BOND TAC**

Bondtac Technologies Incorporated  
1 Imperial Court  
Brampton, Ontario, Canada L6T 4X4  
www.BOND TAC.com

**BOND TAC**  
WATERPROOF MEMBRANES | SOLVENTS | CONTACT CEMENTS

## DAVID N. DINKINS MUNICIPAL BUILDING, NYC

**Scope of work:** Waterproofing the floor of a mechanical / boiler room that was undergoing renovation after cracks in the floor caused a water leakage problem in a landmark NYC building. BondTAC technicians were on-site assisting & training the application company contracted by DCAS with the preparation and application of BondTAC 1500. The floor surface and all curbs, edges, and features were coated. The protected floor was covered and finished with epoxy.

**BOND TAC**

Bondtac Technologies Incorporated  
1 Imperial Court  
Brampton, Ontario, Canada L6T 4X4  
www.BOND TAC.com

**BOND TAC**  
WATERPROOF MEMBRANES | SOLVENTS | CONTACT CEMENTS

## THE BEACON JERSEY CITY, NEW JERSEY

Scope of work: Sections of the complex's underground network of storage rooms, hallways, and a main electrical room had been experiencing water infiltration. The waterproofing company that was contracted prepped the surfaces by cleaning them and using commercial dehumidifiers to dry the surfaces. They applied BondTAC 1500 to these affected areas and then painted over the protected surfaces.

**BOND TAC**

Bondtac Technologies Incorporated  
1 Imperial Court  
Brampton, Ontario, Canada L6T 4X4  
www.BOND TAC.com

**Thornton Tomasetti**

May 16, 2016

Ms. Yvette Tomasetti  
BOND TAC  
1 Imperial Court  
Brampton, Canada

Dear Yvette:

One of Thornton Tomasetti's (TT) first experiences with Bondtac Liquid-Applied Waterproofing Membrane was most gratifying. We were retained by 235 West 46<sup>th</sup> Street, 'The Paramount Hotel', a Landmark Property in Mid-Manhattan, to address conditions requiring repair which included application of the Bondtac material to waterproof a lightweight concrete deck over a mansard roof. Considering the significant slope of this roof, we had some initial concerns about adhesion and viscosity, however, the product proved to be applicator friendly, quick setting and a reliable waterproofing system. When TT visited the job site during one weekday, we were delighted to see Bondtac representatives on the roof and how they took a whole-hearted interest in addressing the field condition and providing the project team with confidence that your product would be successful. Upon curing of the Bondtac waterproofing system, the Contractor of Record was able to install the required copper cladding over the cured membrane to complete the roof repairs. Kudos BOND TAC!!

Respectfully submitted,

Thornton Tomasetti, Inc.

*Louis Santiago*

Louis Santiago,  
Senior Associate

51 Madison Avenue | New York NY 10010-1603 | T 917.661.7800 | F 917.661.7801 | [www.ThorntonTomasetti.com](http://www.ThorntonTomasetti.com)



**OMNE**  
CHEMICALS INC.

**BOND TAC**

# Full Product Capability Overview

# ELASTOMERIC

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC **S-1430**™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BondTAC** is not only flexible, it is truly elastomeric. It can stretch significantly while maintaining its full protective features.

This is vitally important in foundations, showers and other applications where structural movement and temperature changes can cause the substrate to develop hairline or larger cracks.



**BOND**TAC

# POWERFUL ADHESIVE

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC **S-1430**™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BondTAC** is a very powerful pressure-sensitive adhesive. It possesses aggressive tack and is quick-setting.

**BondTAC's** adhesion is characterized as vertical cohesive shear strength. This means that on a vertical surface, for example, a 4' x 8' sheet of substrate such as wood can support 2000 lbs. without slumping or shifting down.

This makes **BondTAC** ideal for use in applications where tile or marble will be installed, façade restoration, green roof construction, zero-cavity wall construction, and many other demanding types of construction.

**BondTAC** remains tacky permanently, as long as the surface is protected from contaminants such as dirt, dust, and debris. This means that two **BondTAC** – coated surfaces can be joined together, even weeks or months after the **BondTAC** has been applied.

Additionally, many types of construction that would normally require penetrating fasteners can now be completed without that time consuming and labor-intensive process. Below-grade foundation walls and basement walls can be both waterproofed and have rigid insulation board (XPS) attached without the need for any fasteners. Stucco systems can now have the Styrofoam panels attached to the substrate simply by pressing them into the **BondTAC** coating.



**BOND**TAC

# BONDS WITH VIRTUALLY ANY SUBSTRATE

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC **S-1430**™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BondTAC** will bond to just about any surface that requires the use of a waterproofing and adhesive membrane.

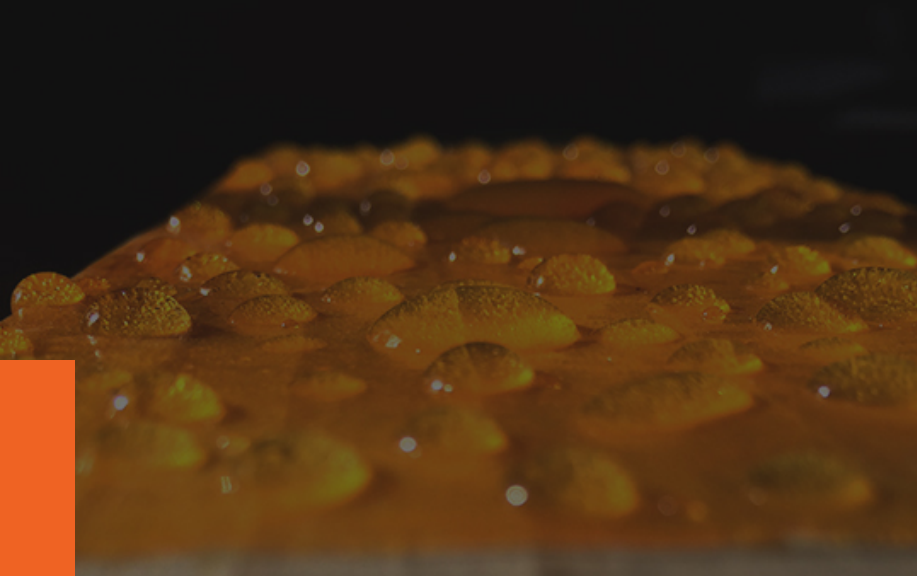
**BondTAC** does not require any primers or special surface treatment prior to application. The surface must simply be clean, completely dry, and structurally sound – with no holes or cracks greater than a hairline crack.

The most common substrates are poured cement, CMU (concrete masonry unit) block, cement backer board, wood, stone, brick, gypsum drywall, fiberglass sheathing board, and metal.

**BondTAC S-1430** is specially formulated to be safe for use on Extruded & Expanded Polystyrene (XPS & EPS) foam insulation and protection boards.



# BOND TAC



# BOND TAC

## TRUE HYDROPHOBIC MEMBRANES

**BOND TAC ECO 1500™**

**BOND TAC 1500™**

LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND TAC S-1430™**

XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

Waterproof & Hydrophobic – **BondTAC** repels water on a molecular level.

Once **BondTAC** is applied to a clean, dry substrate such as cement, stone, metal, wood, drywall, or cement board, that substrate is instantly waterproof.

This is especially useful when inclement weather is predicted. Rain will not harm the freshly applied **BondTAC** membrane.





# BOND TAC

## EXTRORDINARILY FIRE RESISTANT

**BOND TAC ECO 1500™**

**BOND TAC 1500™**  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND TAC S-1430™**  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

The **BondTAC ECO 1500** membranes are not flammable in their liquid state.

The **BondTAC 1500** and **S-1430** are flammable in their liquid state. However, once they are fully cured, they are extremely fire resistant, and can withstand temperatures up to 5000 °F (2760°C) without burning or creating smoke.

**BondTAC** is not designed for any type of fireproofing, however it will not contribute to the spread or fueling of a fire.

# COMPLETE AIR & VAPOR BARRIER

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC S-1430™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BondTAC** is a Zero – Permeable Air & Vapor barrier.

This means that a separate air and vapor barrier sheet or membrane is not needed when using **BondTAC** as the waterproofing membrane, and it is ideal for humidity and moisture control.

Aside from the savings in material costs, this eliminates the additional time and labor costs as well.



**BOND TAC**

# ANTI-CORROSIVE

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC **S-1430**™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BondTAC** will prevent metals from corroding or rusting by preventing moisture and air from ever touching the protected surface.

This makes **BondTAC** perfect for all types of metal applications, from bridge and tunnel construction, sheet metal, galvanized metal, metal railings, and balcony rivet and bolt anchors to applications in the ship-building and re-coating industries



**BOND**TAC

# RESISTANCE TO MOLD, FUNGUS, & BACTERIAL GROWTH

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC **S-1430**™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

Because water is repelled from the **BondTAC** membrane, it evaporates quickly and is therefore an inhospitable environment for mold, fungus, or bacteria to grow on its surface.



**BOND TAC**

# CAN BE APPLIED IN LOW TEMPERATURES

**BOND**TAC **ECO** 1500™

**BOND**TAC 1500™  
LOW-VOC WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BOND**TAC **S-1430**™  
XPS & EPS-SAFE WATERPROOF ELASTOMERIC ADHESIVE MEMBRANE

**BondTAC ECO 1500** is a specially formulated based ECO friendly product.

**BondTAC 1500** and **S-1430** are a solvent-based product, which means that they don't have the same temperature limitations that water-based products have.

**BondTAC** will not freeze, and can be applied in very cold temperatures. This is very useful when foundation walls need to be completed in cold weather.

**BondTAC** can be used to waterproof the cement foundation walls, and with the **S-1430** XPS protection board can be attached to it, prior to backfilling.

# BOND

# TAC



## Thank you for taking the time to learn about the BondTAC waterproofing membranes

If you have additional questions, please feel free to  
contact Omne Chemicals.

Yvette Tomasetti  
347-628-5541  
[yvette@omnechemicals.com](mailto:yvette@omnechemicals.com)

Maria Corie Del Mar  
416-859-0752  
[maria@omnechemicals.com](mailto:maria@omnechemicals.com)

Frank Farmer  
716-880-7572  
[frank@omnechemicals.com](mailto:frank@omnechemicals.com)