



AlphaGuard™ MT and AlphaGuard™ BIO:  
Sustainable Roof Restoration  
or Replacement Solutions



The popular AlphaGuard™ MT and new AlphaGuard™ BIO are fluid-applied roofing systems that can turn your older but still functional roof into a long-lasting, highly efficient weatherproofing system for a fraction of the cost of replacement.

These unique, easily applied, versatile, durable and technologically advanced systems are great choices for new construction as well, as they meet the need for a roofing system that is tough on moisture but easy on the budget and the contractor's resources.



## What is AlphaGuard BIO?

AlphaGuard BIO is an odorless, chemically cured, fully reinforced aromatic/aliphatic polyurethane roofing and waterproofing system distinguished by its high bio-based content. It is ideally suited for situations that demand high-performance roofs but where odor is not allowed, such as school and hospital projects.

## What is AlphaGuard MT?

The AlphaGuard MT system is a single-component, very low-odor, fully reinforced, aliphatic polyurethane, moisture-triggered roofing and waterproofing system that can be used to restore and replace existing roofing systems. Its "moisture-triggered" curing mechanism is far more dependable than the "moisture-cured" mechanism of commodity coating systems, allowing the roof to be installed and operational much more quickly. The AlphaGuard MT system has many other advantages for contractor and end user alike.

## Great Choices for Many Reasons

With these benefits, you don't need to look further than the AlphaGuard BIO and MT systems when you need to revitalize a roof.

- Economical
- Excellent cold-weather flexibility, tensile strength and elongation properties
- Very low odor
- Weather extremely well
- Highly reflective
- Easy to maintain, keeping them sustainable for the long haul
- Meet Florida Building Code requirements
- FM Global fire and wind rated
- UL fire rated
- Easy to repair
- Full, long-term warranties
- Very good resistance to chemicals, traffic, hail and mold/mildew/ fungus

AlphaGuard BIO's benefits also include no odor during application and a high bio content that can meet LEED® requirements.

## Very Flexible Systems

Whatever kind of roofing system or deck a building has, the AlphaGuard BIO or MT systems are the right choice to bring it back to a watertight condition.



## Part of a Comprehensive Approach

Both the AlphaGuard BIO and AlphaGuard MT systems can be used in many situations, from restoring existing roofs to complete roof removal and replacement. We want to be absolutely certain that the AlphaGuard BIO or MT system is the right answer for your roofing needs, that it is installed correctly and that it provides long-term value. Your Tremco Roofing & Building Maintenance sales representative may recommend any or all of the following:

- Infrared scanning and core testing
- Construction, condition and recommendation report
- Budget
- Project specifications
- Pre-construction meetings
- Project inspections during installation
- Final inspection
- Tremco Roofing system warranty
- Long-term, planned roofing programs





## Roof Restoration

Both the AlphaGuard BIO and AlphaGuard MT systems can extend the life of an aging but still functional single-ply, modified bitumen or built-up roofing system both dramatically and efficiently. They will reduce the cost of re-roofing while providing a new, chemically superior, fire-rated, fully warranted waterproofing system that can also help lower your energy usage.

## For Direct to Concrete Applications

In many cases, roofing membranes are installed directly to the concrete deck; the AlphaGuard BIO and MT systems are excellent solutions for restoring exposed or buried roof membranes that were applied to concrete. With an FM Global wind uplift rating of 990 psi on concrete (shown here being rigorously tested), both systems will remain in place under the worst wind conditions. Because of their unique chemistry, both systems are completely at home under wet vegetated or inverted roof membrane assemblies.



## For Other Kinds of Decks

For use over metal, gypsum, cementitious wood fiber and wood decking that require standard insulation board, Tremco Roofing offers the AlphaGuard BIO Plus and AlphaGuard MT Plus systems. Both solutions incorporate a tough, completely waterproof polyester base sheet set in odorless polyurethane adhesive beneath either a full AlphaGuard BIO or AlphaGuard MT system. The only real difference is the bio content within the AlphaGuard BIO system.

## Both AlphaGuard Systems Can Help Reduce Energy Usage

The topcoats of both AlphaGuard systems are integral to the total system. They do not need to be surfaced with another coating application like so many two-component fluid-applied roofing systems (this means more work and cost, since these additional surface coatings usually need maintenance fairly quickly). As these actual “before” and “after” readings show, the reflective topcoat can significantly lower rooftop temperatures. That can help keep the building cooler and more comfortable, leading to a potential reduction in the amount of energy that a facility uses.



## It Looks Great on Your Building

Besides their smooth surface, both AlphaGuard systems are aesthetically pleasing. They come in these standard colors, plus Safety Yellow, and can be color-matched to your roof.



**To learn more about how the AlphaGuard BIO and MT systems can restore your roof quickly while potentially helping to reduce your energy usage, contact your local Tremco Roofing & Building Maintenance sales representative today.**

**TREMCO**  
ROOFING & BUILDING MAINTENANCE

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

3735 Green Road • Beachwood, Ohio • 44122 • 1.800.562.2728

50 Beth Neilson Drive • Toronto, Ontario • M4H 1M6 • 1.800.668.9879

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