TECHNICAL DATA SHEET

ThinTech Coatings
ADVANCED COATING TECHNOLOGY

ALGAE GUARD

DESCRIPTION

ThinTech Algae Guard is a bio-based, waterborne coating specifically engineered to prevent algae growth on a variety of porous surfaces. It has zero VOCs and is environmentally friendly.
This innovative coating provides long-lasting protection while maintaining the natural look of your surfaces. Protect your outdoor spaces from unsightly and damaging algae growth with ThinTech Algae Guard, the eco-friendly solution for cleaner, healthier environments.
Applications / Surfaces: ThinTech Algae Guard is a versatile solution: ideal for cement, stone, concrete, grout, masonry blocks, brick pavers, walkways, driveways, roof tile, comp and slate roof shingles, wood fencing, and some vinyl siding.
Note: Avoid using product on polished limestone/marble as it may dull the finish.

- Bio Based
- Water repellent
- Environmentally Friendly
- Anti Bacterial

CHARACTERISTICS

Appearance: Colorless to pale yellow
Finish: Clear
Odor: Mild
Base Type: Water-based

Flash Point: N/A
VOC: 0 g/l
Weight per Gallon: 8 lb/gallon

Coverage: Provides coverage of 400–800 sq. ft. per gallon, varying with the porosity and texture of the substrate.
Expected Wear: Lasts 6 months to 2 years under normal conditions. Reapply as needed.
Surface Preparation: Ensure the surface is clean, dry, and any existing algae or mold has been removed. Remove all algae, dust, dirt, and other foreign materials. Rinse with water using a pressure washer if needed. Once dry, use painter's tape to mask off adjacent areas to prevent unintended coating.

APPLICATION INSTRUCTIONS

TEST AREA

Always test Thintech Algae Guard in an inconspicuous location to ensure performance and compatibility with the surface.

APPLICATION

1. Ensure the surface is properly prepared, clean, and dry.
2. If applying outdoors, ensure the temperature is between 45°F and 105°F, with 90% relative humidity or less.
3. Shake the container for several minutes to re-suspend settled nanoparticles.
4. Re-shake every 15–20 minutes during application to maintain performance.
5. Use a trigger sprayer, pump sprayer or airless sprayer for application. You may also use a roller application method but spraying is recommended.
6. Apply a generous saturating coat in a circular pattern to ensure complete coverage.
7. Let dry for 2–5 minutes (temperature-dependent), then apply second coat wet on tack on vertical surfaces start at the top and work down.

DRYING TIME

Touch: 3 – 5 Minutes
Through: 30 – 60 Minutes
Full Cure: 12 Hours

CARE & MAINTENANCE

For coated exterior surfaces, hose off with a garden hose equipped with a pistol grip sprayer. For interior surfaces, use a damp towel, rinse with fresh water, and dry.
To reapply, follow the application instructions; there is no need to strip off the original coat.

CAUTIONS

In case of skin contact, wash thoroughly with soap and water.
Always wear safety goggles or a splash shield to avoid eye contact. Do not wear contacts without eye protection.
If the sealer gets into your eyes, flush with water for 15 minutes.
If eye irritation persists, seek medical attention.
If accidentally swallowed, rinse your mouth thoroughly with water. If irritation exist seek medical attention.
Use caution applying around ponds and sensitive vegetation. While TT Algae Guard is biobased and environmentally friendly it is not to be used for algae prevention in ponds or pools.



If you're a property owner seeking to safeguard your investment and extend the life of your outdoor spaces, look no further than our advanced formulations and unparalleled performance.

For more Information:
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