

APPLICATION GUIDE

NATURAL SEAL

Environmentally Friendly
No VOCs

Description

ThinTech Coatings Natural Seal is a clear, water-based, invisible, breathable sealer designed to protect porous stones, brick, concrete, masonry products, unmodified grout, unglazed tile, stucco, concrete roofing tiles, and much more from the destructive forces of weather & moisture.

This sealer provides a long lasting breathable UV resistant surface that is repellent to water, oil, mold, airborne dust and dirt, efflorescence, alkali, and freeze / thaw conditions. It can be applied in both exterior and interior applications (not for use on flexible surfaces such as fabric and textiles). Surface compatibility with all hard porous surfaces such as stone, brick, concrete, masonry products, slate, stucco, unmodified grout and unglazed tile.

Solution: Prevent moisture intrusion; repel oils, stains, dirt, mold

Key Features:

- Color: Clear
- Finish: Invisible
- Base: Water-Based
- Flash Point: N/A (-9°C / 15°F)
- VOC Content: Zero g/L
- Weight per Gallon: 8.25 lb/gallon
- Breathable

Coverage Surface (Sq Ft / Gal)

Broom finish Concrete*: 400-600
Porous Concrete: 300-400
Split Face Block: 200-250
Precast Concrete: 400-600
Concrete Block: 200-250
Brick (Clay): 200-300
Sandstone, Limestone, Slate: 250-300
Stucco: 250-300
Flagstone, Concrete Pavers: 250-300
Unglazed Ceramic/Porcelain: 400-600
Travertine, Tumbled Marble: 300-400
Limestone: 300-400
Honed Granite and Marble: 400-600

* On broom finish concrete: apply one coat to cover.

On more porous substrates: 2 or more coats may be required to seal.

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Surface Preparation

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign materials.

On new concrete allow to cure a minimum of 7 days and have a maximum moisture content not to exceed 13%. Exterior Surfaces Clean surface to remove all dirt, dust, grease, oil, loose particles, foreign material, coatings, form release agents, moisture curing membranes, mildew, etc, then rinse well with fresh water, make certain to rinse thoroughly and allow the surface to dry thoroughly. New Concrete and mortar must be cured at least 7 days and have a maximum moisture content not to exceed 13%.

IMPORTANT: Remove any existing silicone sealers. ThinTech Coatings Natural Seal will not penetrate through existing silicone based sealers. To determine if the surface is sealed with another sealer, sprinkle water onto the surface. If the water is absorbed and the surface becomes darker it has not been sealed and you can proceed applying the ThinTech Coatings Natural Seal. If the water beads up there is an existing sealer that must be removed to allow proper penetration.

Application Instruction

Test Area: Always conduct a test in an inconspicuous area to ensure desired results without altering surface appearance.

Surface Application: Apply when ambient temperature ranges between 45°F and 105°F with humidity below 90%, ensuring no rain for at least 5 hours post-application. Do not apply on surfaces intended for painting; protect areas needing future painting as it may affect adhesion.

Mixing: Shake the container vigorously for several minutes to suspend nanoparticles settled at the bottom; repeat every 15-20 minutes during use for optimal performance.

Application Method: Flood the surface with Thintech Coating Natural Seal using a pump sprayer (red or grey fan tip) or pour directly. Work sealer into surface pores using a 3/8" nap roller, applying pressure to ensure deep penetration.

Multiple Coats: Apply a second coat within 15 minutes of the first to maintain a wet-on-wet application, adjusting quantity for less absorbent surfaces.

Drying Time: Touch dry in 30 minutes; full cure in 7 days (@ 77°F, 50% RH).

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Cleanup & Safety

Clean tools with water immediately after use. Wear protective eyewear and gloves. In case of contact with eyes or skin, rinse thoroughly. Seek medical attention if discomfort persists.

Care & Maintenance

Routine cleaning with a garden hose or damp cloth suffices; use Thintech Coatings Safe Clean for tougher stains. Avoid high-pressure washing (>800 PSI) to preserve sealer integrity.

Maintenance Tips

Reapply ThinTech Coatings Sealer as needed without stripping, especially in high-traffic or water-wicking areas.

For detailed instructions, visit our website thintechcoatings.com or contact us directly.

Safety Caution

Follow safety guidelines. Avoid ingestion; if swallowed, rinse mouth and seek medical advice.