CanyonTone™ Clear Wall Coating

PRODUCT DESCRIPTION

CanyonTone™ Clear Wall Coating is a silicone emulsion with reactive silane, a deep penetrating concrete/masonry sealer and water-repellent treatment. By chemically locking into the substrate, CanyonTone™ Clear Wall Coating provides a long term, UV stable protective repellent against the intrusion of moisture and chloride salts. Its microscopic penetration qualities allow a single coat application that imparts a clear, non-yellowing water repellent treatment to concrete and masonry substrates without any noticeable change in color or surface sheen.

CanyonTone™ Clear Wall Coating is also supplied as a concentrate, which is reduced with water at the jobsite to achieve the desired dilution.

PACKAGING & SHELF LIFE

1 gallon (3.8 liter) bucket
5 gallon (19 liter) pail

Shelf life 24 months if unopened containers stored between 50°F and 100°F (10°C and 38°C). Do not open containers until ready to use the material.

PHYSICAL PROPERTIES

CANYON TONE CLEAR WALL COATING

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Weight per Gallon</td>
<td>8.3 lbs (3.8 kg) (±.2) [ASTM D1475]</td>
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<tr>
<td>Viscosity</td>
<td>5-15 cps @ 70°F [ASTM D2196]</td>
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<tr>
<td>Accelerated Weathering</td>
<td>4,400 hours, no effect [ASTM G53]</td>
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<tr>
<td>Dry Time</td>
<td>15 minutes [ASTM D1640]</td>
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<tr>
<td>Core Time</td>
<td>1 hour [ASTM D1640]</td>
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APPLICATION INSTRUCTIONS

Surface Preparation: All surfaces must be structurally sound, clean, dry, and fully cured, and free from dust, curing agents or form release agents, efflorescence, scale or other foreign materials. All previous coatings on the substrate must be completely removed, including coatings that are tightly adhered to the surface.

CanyonTone™ Clear Wall Coating is a deep penetrating sealer. It must be able to penetrate the substrate to which it is applied to be effective. Surfaces such as glazed brick, smooth dense brick, natural rock, glass reinforced concrete and smooth dense concrete must be sandblasted or etched prior to application of CanyonTone™ Clear Wall Coating to allow for maximum penetration.

CanyonTone™ Clear Wall Coating has a neutral pH, so it will not etch exposed metal or glass surfaces, nor will it harm most ground vegetation.

Mixing Instructions: CanyonTone™ Clear Wall Coating is supplied in a 5% solids by volume concentration, which is the standard dilution for most applications. If a higher solids dilution is desired for increased water-repellency on porous substrates, Consult separate literature entitled CanyonTone™ Clear Wall Coating Concentrate, which can be diluted to a 14% to 21% active content. Blend 1 part concentrate with 4 parts water to achieve a 14% concentration or 3 parts water to achieve a 21% concentration. Due to the increased water repellency provided by higher active content concentrations, recoatability characteristics are diminished.

Application: CanyonTone™ Clear Wall Coating can be applied by brush, roller, airless or conventional spray, and also by low pressure pump-style sprayers. The most effective application method is by low pressure airless spray (20 psi/137 KPa). The spray gun should have a fan-type nozzle with a maximum orifice size of .035” (.9 mm), and should be held no more than 18” (.5 m) from the surface during application.

ON horizontal surface applications, CanyonTone™ Clear Wall Coating is applied in a one-coat, surface flooding treatment.

Advantages:
- Single Coat Application: CanyonTone™ Clear Wall Coating is applied in a one-coat, surface flooding treatment.
- Single Package: No catalyzation required.
- Easy application by brush, roller or spray.
- Water-Based: No solvents or solvent odors. Easy cleanup with soap and water. Meets most VOC requirements.
- UV Stable: No discoloration or yellowing with age.
- Retains Natural Appearance: No glaze, gloss or visible sheen on treated surfaces.
- Protects from airborne pollution and acid rain.
- Prevents darkening and discoloration of treated surfaces during periods of rain.
- Protects against freeze/thaw and spalling.
- Protects against efflorescence or migrating salts.
- Can be applied by brush or roller, as well as by airless, conventional or pump sprayer.
- Breathing System: Allows moisture vapor to escape from the building interior.

BASIC USES & ADVANTAGES

CanyonTone™ Clear Wall Coating protects exterior, above-grade vertical concrete, masonry, aggregate, brick and stucco surfaces against the effects of water, de-icing chemicals, chloride-ion intrusion, freeze/thaw exposure, spalling, airborne pollution and acid rain. It is used on building exteriors where a clear, non-yellowing protective sealer is required.

<table>
<thead>
<tr>
<th>Surface</th>
<th>ESTIMATED COVERAGE RATE</th>
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<tbody>
<tr>
<td>Smooth Concrete</td>
<td>200 to 250 (4.9 to 6.1 m²/l)</td>
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<tr>
<td>Exposed Aggregate</td>
<td>150 to 200 (3.7 to 4.9 m²/l)</td>
</tr>
<tr>
<td>Masonry</td>
<td>100 to 150 (2.4 to 7.3 m²/l)</td>
</tr>
<tr>
<td>Horizontal Concrete Decks</td>
<td>100 to 150 (2.4 to 7.3 m²/l)</td>
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</table>

Note: Absorption/coverage rates are provided for estimating purposes only. Rates will depend upon the texture and porosity of the substrate. Allow for extra surface area when estimating coverage for raked joints and fluted or split-face surfaces. Estimated coverage rates are totals for two coats.

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.
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APPLICATION INSTRUCTIONS, CONT’D

Wall Coating should be uniformly applied to saturate or flood the surface. After approximately 20 minutes, any remaining puddles should be rolled out or mopped up. Vertical applications should be treated from the bottom of the wall upwards. CanyonTone™ Clear Wall Coating should be uniformly sprayed on the wall to the point where excess solution runs 6” to 8” (15 to 20 cm) below the spray pattern on each pass. Any excessive runs or drips should immediately be rolled into the surface. Care should be taken to complete each wall section entirely before work stoppage. Application should be continuous, maintaining a wet edge to wall joints or corners. CanyonTone™ Clear Wall Coating should be applied in a single coat application only.

Apply in two coats at a minimum total rate of 1-1.5 gallons per 100 ft² (.4-.6 l/m²). Consult GAF’s product specifications for specific film thickness requirements to qualify for GAF’s product warranty.

LIMITATIONS & PRECAUTIONS

CanyonTone™ Clear Wall Coating should not be applied over wet substrates. Proper penetration will not occur if standing water or excessive wetness blocks absorption. However, concrete and masonry wall surfaces can be coated while slightly damp. In locations that are typically hot and arid, it can be beneficial to pre-dampen the wall surface prior to application of CanyonTone™ Clear Wall Coating. The added moisture will aid in proper penetration and cure of the sealer.

CanyonTone™ Clear Wall Coating is a waterborne sealer.

SAFETY & HANDLING

Avoid breathing of vapor or spray mist. For exterior applications, approved (MSHA/NIOSH) chemical cartridge respirator should be worn by Applicator. For interior applications, provide mechanical exhaust ventilation. Air line masks or positive pressure hose masks should be worn during interior applications. For additional information on safety requirements, refer to OSHA guidelines and Safety Data Sheet (SDS).

CLEAN UP

Use soap and water to thoroughly flush equipment. Purge water from equipment using Mineral Spirits or Cellosolve solvent. Leave the solvent in the lines and equipment until the next use.

See applicable warranties and guarantees for complete coverage and restrictions.