



CanyonTone™ Clear Concentrate

Product Data Sheet



PRODUCT DESCRIPTION

CanyonTone™ Clear, a silicone emulsion with reactive silane, is a deep penetrating concrete/masonry sealer and water-repellent treatment. By chemically locking into the substrate, **CanyonTone™ Clear** 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 Concentrate must be reduced with water at the jobsite to achieve the desired dilution. **CanyonTone™ Clear** is also available in a pre-diluted version. Consult separate literature entitled **CanyonTone™ Clear Wall Coating Technical Data & Application Instructions** for additional information on the pre-diluted version.

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 90°F.

BASIC USES & ADVANTAGES

CanyonTone™ Clear protects exterior, above-grade vertical and horizontal concrete, masonry, aggregate, brick and stucco surfaces against the effects of water, de-icing chemicals, chloride-ion intrusion, freeze/thaw exposure and spalling, airborne pollution and acid rain. It is used on building exteriors where a clear, non-yellowing protective sealer is required. Because **CanyonTone™ Clear** is water-based, it can be used safely on interior applications without toxic or solvent odors.

PHYSICAL PROPERTIES

CANYON TONE CLEAR CONCENTRATE	
Active Content	5% (± 0.5) [ASTM D5095]
Viscosity	5-15 cps @ 70°F [ASTM D2196]
Weight per Gallon	8.3 lbs (3.8 kg) (± .2) [ASTM D1475]

Dry Time	15 minutes [ASTM D1640]
Cure Time	1 hour [ASTM D1640]
Accelerated Weathering	4,400 hours, no effect [ASTM G53]

APPLICATION INSTRUCTIONS

Surface Preparation: All surfaces must be structurally sound, clean, dry, 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 is a deep penetrating sealer. It must be able to penetrate the surface 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** to allow for maximum penetration.

CanyonTone™ Clear 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 Concentrate is diluted with water at the jobsite to the desired concentration. The standard dilution for most applications is

1 part **CanyonTone™ Clear Concentrate** to 9 parts water. This will result in a 7% active content. One gallon (3.8 l) of **CanyonTone™ Clear Concentrate** will therefore yield 10 gallons (38 l) of diluted product, 5-gallons (19 l) will yield 50 gallons (189 l) and a 55-gallon (209 l) drum will yield 550 gallons (2,079 l). If a higher solids dilution is desired for increased water-repellency on porous substrates, **CanyonTone™ Clear Concentrate** can be diluted up to a

21% active content concentration. Blend 1 part concentrate with as little as 4 parts water to achieve the desired dilution. Due to the increased water repellency provided by higher active content concentrations, recoat ability characteristics are diminished

Application: Once diluted, **CanyonTone™ Clear** 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). The spray gun should have a fan-type nozzle with a maximum orifice size of .035" (.86 mm), and should be held no more than 18" (46 cm) from the surface during application.

Vertical applications should be treated from the bottom of the wall upwards. **CanyonTone™ Clear** should be uniformly sprayed on the wall to the point where excess solution runs 6 to 8 inches 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

SURFACE	ESTIMATED COVERAGE RATE
Smooth Concrete	200 to 250 (4.9 to 6.1 m ² /l)
Exposed Aggregate	150 to 200 (3.7 to 4.9 m ² /l)
Masonry	100 to 150 (2.4 to 7.3 m ² /l)
Horizontal Concrete Decks	100 to 150 (2.4 to 7.3 m ² /l)

Note: The above coverage rates are provided for estimating purposes only. Absorption rates will depend upon the texture and porosity of the substrate. Allow for extra surface area when estimating coverage for fluted, raked, split-face or other textured surfaces.

GAF Liquid-Applied

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For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.

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APPLICATION INSTRUCTIONS, CONT'D

each wall section entirely before work stoppage. Application should be continuous, maintaining a wet edge to wall joints or corners. **CanyonTone™ Clear** should be applied in a single coat application only.

Apply 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 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**. The added moisture will aid in proper penetration and cure of the sealer.

CanyonTone™ Clear Concentrate is a waterborne sealer. Care must be taken during storage and shipment to

ensure that temperatures do not fall below 32°F (0°C). Do not apply **CanyonTone™ Clear** below 50°F (10°C). Cool temperatures and high humidity will retard cure.

CanyonTone™ Clear is a low viscosity material designed to provide water-repellency without disturbing the natural color or texture of the substrate. It is not designed to water-proof concrete block or other porous substrates under wind driven rain or other severe weather conditions.

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.

GAF

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See applicable warranties and guarantees for complete coverage and restrictions.