



# Canyon Tone Stain® Wall Coating – Data Sheet

## PRODUCT DESCRIPTION

**CanyonTone™ Stain** is a modified, water-based acrylic, penetrating pigmented sealer designed to repel water from walls and other vertical surfaces. Toning pigments are chemically suspended in the acrylic resins, thus eliminating settling and color variations on the structure.

## APPROVED SUBSTRATES

Exterior, above-grade vertical concrete, masonry, aggregate, brick and stucco surfaces.

## PACKAGING SIZES

### White, Standard, and Custom

1 gallon (3.8 liter) bucket  
5 gallon (19 liter) pail  
54 gallon (204 liter) drum

## STORAGE & SHELF LIFE

**PRODUCT STORAGE TEMPERATURE:** 50°F – 90°F (10°C – 32°C). Do NOT allow coating to freeze.

**SHELF LIFE:** 24 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

## APPLICATION

### INSTRUCTIONS

**SUBSTRATE PREPARATION:** Substrate should be clean and dry with no trapped moisture. All previous coatings must be completely removed, including coatings that are tightly adhered to the surface. Conduct test patches to verify adhesion of coating prior to start of work.

**MIXING:** Mix uniformly for 3 minutes prior to use. Do NOT attempt to thin. Contact GAF Design Services for self-tinting questions.

**APPLICATION:** **CanyonTone™ Stain** may be applied by roller or airless spray equipment. Any airless spray equipment capable of 1,000 psi (6,980 kPa) and ½ gallon per minute (1.9 l/minute) delivery can be used for applying **CanyonTone™ Stain**. Brush or roller application is recommended only for edging work and for confined areas that would require extensive masking or protection from spray during application. Multiple application methods, at varying coverage rates, may result in variations in the finish sheen. See below for minimum application rate for limited warranty coverage. Total coverage is dependent on the substrate. See the next page for application rate recommendations by substrate.

### APPLICATION RATE FOR LIMITED WARRANTY ON GAF LIQUID-APPLIED WALL COATINGS

Limited Warranty Term	5 years
Number of Square Feet/Gallon	50
Dry Film Thickness, Mils	2
For application rates and other requirements for system guarantees and warranties, see <i>Liquid-Applied Roofing Manual</i> at <a href="http://gaf.com">gaf.com</a> .	

## WARRANTY

Refer to applicable warranties and guarantees, available at [gaf.com](http://gaf.com), for complete coverage and restrictions.

## LIMITATIONS & PRECAUTIONS

**APPLICATION AIR TEMPERATURE:** Min. 50°F (10°C). Do NOT heat containers.

**APPLICATION SURFACE TEMPERATURE:** 50°F (10°C) and rising. Care should be taken when coating surfaces above 120°F. Contact GAF Design Services if you have application questions.

Do NOT apply if rain, dew, fog, heavy moisture, condensation, or freezing temperatures are in the 8-hour forecast to ensure proper cure. Cool temperatures/high humidity may slow curing.

## SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

## CLEAN UP

Use soap and water to thoroughly flush equipment.

For application questions, contact GAF Design Services at **1-877-GAF-ROOF**

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SURFACE	ESTIMATED COVERAGE RATE
Concrete, Cast-in-place	125 ft <sup>2</sup> /gal (3.0 m <sup>2</sup> /L)
Concrete, Precast	125 ft <sup>2</sup> /gal (3.0 m <sup>2</sup> /L)
Glass Fiber Reinforced Concrete (GFRC or GRC)	150 ft <sup>2</sup> /gal (3.7 m <sup>2</sup> /L)
Concrete Block, Standard	75–100 ft <sup>2</sup> /gal (1.8–2.4 m <sup>2</sup> /L)
Concrete Block, Split-Face	50–75 ft <sup>2</sup> /gal (1.2–1.8 m <sup>2</sup> /L)
Brick	75 ft <sup>2</sup> /gal (1.8 m <sup>2</sup> /L)
EIFS	100–125 ft <sup>2</sup> /gal (2.4–3.0 m <sup>2</sup> /L)
Stucco, Spray-On	50 ft <sup>2</sup> /gal (1.2 m <sup>2</sup> /L)
Stucco, Troweled	100 ft <sup>2</sup> /gal (2.4 m <sup>2</sup> /L)

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.**

## PHYSICAL PROPERTIES

Type	ASTM Test Method	Test Values <sup>1</sup>
Solids by Weight	ASTM D2369	40%
Solids by Volume	ASTM D2697	24%
Weight per Gallon	ASTM D1475	10.5 lbs
Viscosity	ASTM D2196	900–1500 cps @ 70°F
Gloss	ASTM D523	4.0 (60° Gardner)
Permeability	ASTM E96	10 Perms (±2) @ 4 dry mils
Adhesion to Concrete/Masonry	-	300 lbs/in <sup>2</sup> (2,069 kPa)
VOC	-	<100 g/L
Temperature Limit for Normal Service	-	-70°F to 200°F (-57°C to 93°C)
Dry Time	ASTM D1640	20 min @ 75°F (24°C), 50% RH
Cure Time*	ASTM D1640	1 hour @ 75°F (24°C), 50% RH [ASTM D1640] *high humidity and/or low temperature will retard cure and recoat times
Resistance to Accelerated Weathering	ASTM G154	No adverse effects after 3,000 hours continuous exposure. Color is within 5 NBS units as per ASTM D2244 & D1729. No chalking or flaking as per ASTM D659 & D722.
Resistance to Natural Sunlight	ASTM G90	After 18,000 megalous of radiation exposure, color and gloss change less than 1 CJE unit.
Reduction of Chloride Ion Penetration	ASTM D1218	Achieved a reduction of 73% @ 1.6–13mm penetration and 94% @ 13–25mm.
Resistance to Wind Driven Rain	Rilem Tube Method #11.4	0 penetration @ 4 dry mils (102 microns) after 60 minutes exposure.
Resistance to Salt Spray*	ASTM B117	No adverse effects; no color fade and no efflorescence after 500 hours.
Resistance to Sulfide Staining†	ASTM D1712	No signs of discoloration after 15 minute immersion in Hydrogen Sulfide.
Resistance to Chemical Reagents‡	-	After 7 day immersion: 10% Sodium Hydroxide or 10% Ammonium Hydroxide: No softening; very slight color change. Mineral Spirits KB Value 38: No softening or color change.
Standard Colors	-	Available in a wide selection of natural toned colors. Colors are custom matched by GAF for the specific application.

1. Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

\*Test conducted with **CanyonTone™ Stain** on concrete masonry blocks.

†Sulfide gas is a common industrial pollutant, which discolors the pigment in many stains.

‡Sodium Hydroxide and Ammonium Hydroxide were tested to show **CanyonTone™ Stain's** resistance to alkaline conditions found in concrete and masonry. Mineral Spirits is commonly used for graffiti removal.

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