



FlexCoat Wall Coating – Data Sheet

Formerly known as “Aquathon® Wall Coating”

PRODUCT DESCRIPTION

FlexCoat Wall Coating is a liquid-applied, advanced acrylic elastomer designed to waterproof exterior vertical surfaces. FlexCoat Wall Coating is a flexible “breathing” membrane, allowing moisture vapor from the substrate or building interior to escape through the coating while remaining resistant to water penetration from the exterior.

APPROVED SUBSTRATES

Vertical concrete and masonry building exteriors, and hardboard substrates.

PACKAGING SIZES

5 gallon (19 liter) pail

STORAGE & SHELF LIFE

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

SHELF LIFE: 18 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

WARRANTY

Refer to applicable warranties and guarantees, available at gaf.com, for complete coverage and restrictions.

APPLICATION

INSTRUCTIONS

SUBSTRATE PREPARATION: New or unpainted surfaces: Bare concrete, brick, stucco or masonry must be structurally sound, clean, dry, fully cured, and free from dust, curing agents or form release agents, scale or other foreign materials. Care should be taken not to inject water into the substrate during washing. **Priming:** If any surfaces exhibit chalking after they have been properly power washed, they must be primed with one coat of Epoxy Primer. Contact GAF Design Services for priming requirements.

MIXING: Mix uniformly for 3 minutes prior to use. Do NOT attempt to thin or self-tint.

APPLICATION: Apply by brush, roller, or airless sprayer evenly at the rates specified below. Do NOT apply more than 1.0 - 1.5 gallons per 100 ft² (4.0 - 6.0 L /10 m²) in a single coat with a minimum of 2 coats. Apply additional coats perpendicular to the previous coat once it is dry to touch.

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

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

Limited Warranty Term	5 years	10 years
Number of Square Feet/Gallon	66	40
Dry Film Thickness, Mils	13.2	22

For application rates and other requirements for system guarantees and warranties, see *Liquid-Applied Roofing Manual* at gaf.com.

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

We protect what matters most™





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PHYSICAL PROPERTIES

Table 1: Liquid Physical Property Requirements

Type	ASTM Test Method	ASTM Minimum Values		Test Values ¹
		Type I	Type II	
Volume Solids	ASTM D 2697	≥50%	≥45%	55%
Weight Solids	ASTM D 2369	≥60%	≥50%	68%

Table 2: Cured Film Physical Property Requirements

Type	ASTM Test Method	ASTM Minimum Values		Test Values ¹
		Type I	Type II	
Initial Percent Elongation	ASTM D 412	Min. 100% @73°F	Min. 100% @73°F	300% @ 75°F 400% @ 0°F
Initial Tensile Strength	ASTM D 412	Min. 200 psi @73°F	Min. 200 psi @73°F	150 PSI @ 75°F 400 PSI @ 0°F
Permeance	ASTM E96	Max. 50 perms	Max. 50 perms	7.7 perms @ 15 mils (381 microns)
Accelerated Weathering	ASTM D 4798	No cracking/checking	No cracking/checking	No cracking/checking
Low Temperature Flexibility	ASTM D 522	Min. Pass 0.5 in. mandrel -15°F	Min. Pass 0.5 in. mandrel 14°F	The ability to withstand multiple 180° bends over a 1/8" mandrel at -30°F (-34°C).

Table 3: Additional Physical Properties

Type	ASTM Test Method	Test Values ¹
VOC	-	<50 g/L
Dry Time	ASTM D 1640]	(Dry to Touch) 1 ½ hours
Service Temperature Limits (Installed Coating)	-	-30°F to 200°F (-34°C to 93°C)
Standard Colors	-	White and Custom Colors Available

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

