

— AG307 —

ANTI-GRAFFITI PRIMER

TECHNICAL DATA SHEET

Rev. 11-2019



System Overview

AG307 Anti-Graffiti Primer is a single component, water-based acrylic co-polymer, high performance Anti-Graffiti primer. It is the base coat used on substrates with the ACP Industrial Anti-Graffiti System Solution clear or pigmented Top Coats (AG100, AG101, AG102, AG202, AG201, AG202).

AG307 provides a pin-hole free surface and functions as a barrier coat to maintain the original look of the substrate. Do not rely on the AG100 or AG200 Top Coat to create the pinhole free surface.

Special Features

The use of AG307 Anti-Graffiti will insure the least amount of color change to the substrate. AG307 Anti-Graffiti Primer will also fill and build the substrate in the most efficient manner possible.

American® Coating Products (ACP) ANTI-GRAFFITI SOLUTION SYSTEM: AG307 PRIMER

SYSTEM STRENGTHS

- SCAQMD Rule 1113 VOC Compliant
- Surface permeability (breathability)
- Excellent water repellency
- Excellent UV stability & stain resistance
- Non-yellowing
- Non-chalking
- Fills voids and pinholes
- 25-30 year useful life

SYSTEM LIMITATIONS

- Not recommended for below-grade applications.
- Not recommended for glass and some forms of plastics.
- Will not prevent water penetration through structural cracks or open joints.

SUBSTRATE APPLICATIONS

- All Cementitious Substrates
- Brick
- Concrete
- Stucco
- EIFS
- CMU
 - Smooth
 - Split Faced
 - Burnished
 - Fluted
- Metal
- Signs
- Painted Surfaces
- Stone
- Granite
- Marble
- Shale
- Slate
- Wood

Safety Information

Read SDS for precautionary instructions prior to use.

FIRST AID INFORMATION

Ingestion and Aspiration Hazard: If ingested, call a physician immediately. Do not induce vomiting or give anything by mouth. Only induce vomiting at the instruction of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

Eye Contact: Rinse eye thoroughly for 15 minutes. Get medical assistance if irritation persists.

Skin Contact: Rinse thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

24 Hour Emergency Information:

Domestic Shipments and to Canada:

800-633-8253

International Shipments: 801-629-0667

Technical Data

AG307 Base Coat

Form:	Clear Liquid
Specific Gravity:	1.0315
WT/GAL:	8.6441
Total Solids:	37%
VOC Content:	<98 g/L
Shelf Life:	2 years in a tightly sealed unopened container

Meets SCAQMD Rule 1113 Requirements.

WORK-SITE PREPARATION

Protect people, vehicles, property, foliage, and surfaces not to be coated and that may be subject to splash, fumes, and wind drift of product.

Ensure fresh air entry and cross ventilation during application and drying process. Extinguish all flames, pilot lights and any other potential sources of ignition during the application and drying process.

SUBSTRATE PREPARATION

Substrate should be thoroughly dry, cleaned and free from dust, surface dirt, oil, grease, and other contaminants that might prevent adhesion of coating. Freshly poured concrete should be thoroughly cured 28 days before application. Sealants and caulking should be fully cured prior to application.

AG307 ANTI-GRAFFITI PRIMER SUBSTRATE COVERAGE GUIDE: COVERAGE IS BASED ON ONE COAT. ALWAYS TEST TO ENSURE SUBSTRATE AESTHETICS AND COVERAGE.

SUBSTRATE	TYPE	USE	COVERAGE
Architectural Concrete Block	Honed Smooth Ribbed Split-Faced	Yes Yes Yes* Yes*	80-120 sq.ft.
Concrete	Brick Tile Precast Panels Cast-in-place	Yes Yes Yes Yes	95-135 sq.ft.
Fire Clay	Brick Tile Terra Cotta	Yes Yes Yes	95-135 sq.ft.
EIFS Plaster Marble Travertine		Yes Yes Yes Yes	110-140 sq.ft.
Limestone Sandstone Granite	Polished Unpolished	Yes** Yes Yes	110-140 sq.ft.
Painted Substrates		Yes***	125-160 sq.ft.
Metal		Yes**	135-180 sq.ft.

* Pin-hole free substrate must be achieved for all applications requiring warranty. Lightweight or feather-lite block may require additional coats to achieve a pin-hole free substrate. 2 coats may be required.

** Substitute AG308 ACP Grip (Adhesion Promoter) in place of AG307.

*** AG307 & Clear or Pigmented AG100-AG200.

SURFACE AND AIR TEMPERATURES

Surface and air temperatures should be 45-95°F during application.

EQUIPMENT

Airless sprayer to apply AG307 Anti-Graffiti Primer. Preferred tip size is 517. Use low pressure to create an efficient fan of material during application.

Roller rig with proper sized nap depending on substrate to be coated.

CLEAN UP & DISPOSAL

Clean tools and equipment immediately after use with clear cool water.

Dispose of unused product and container in accordance with local, state, and federal regulations.

No Dilution of AG307 Anti-Graffiti Primer, AG100/AG200 Top Coat, and AG308 - ACP Grip (Adhesion Promoter): Do not dilute or alter in any manner. Refer to mixing instructions.

GRAFFITI REMOVAL

Use AG400 Graffiti Wash to remove graffiti. See Technical Data Sheet for instructions.

STANDARD APPLICATION INSTRUCTIONS

1. Thoroughly clean all surfaces of dust, dirt, tar, oils, cleaning agents, and any other contaminants that may prevent penetration of the coating or cause a negative reaction with the coatings.
2. The goal and purpose of the AG307 Anti-Graffiti Primer is to provide a pinhole free coating on the substrate surface.
3. Strain AG307 Anti-Graffiti Primer through bucket strainer. Any solid material caught in the straining process should be reintroduced to material by squeezing through the strainer. Box 5 to 7 times. Do not use drill mixer to mix. Boxing is preferred mixing method.
4. Apply AG307 Anti-Graffiti Primer with an airless sprayer equipped with a 517 tip. When applying base coat ensure that enough material is applied so that there is a bluish hue to the substrate. This insures (per coat) that enough of the AG307 product has been applied to the substrate, and is ready to be back rolled.
5. Back roll AG307 only to remove bluish hue. Do not over work the base coat.
6. If a second coat is required, repeat the process but only after first coat has dried leaving the substrate in its original aesthetic form ("wet look" to be gone).
7. It is best to apply AG100/AG200 Top Coat no sooner than 18 hours and no longer than 48 hours. If longer than 24 hours, be sure that surface is clean of dust, dirt, and debris for best adhesion.

SUCCESSFUL APPLICATION TIPS

- Following safety procedures
- Proper Surface preparation
- Be aware of environmental conditions
- Use clean equipment, no cross contamination
- Follow mixing and application instructions
- Be aware of wind conditions and surrounding vehicles, homes, and businesses.
- Proper substrate surface preparation
- Proper choice and use of base coating
- Proper use of removal system
- Proper clean-up, storage, and disposal of products and equipment.

Warranty

10 to 30 year performance warranties available for ACP Industrial Anti-Graffiti System Solutions Unlimited removals and no ghosting, staining, or shadowing. Contact ACP LLC for full details and requirements.