



General Description

BlazeStop Primer Generation 2 is a **latex-based, fire-resistant ASTM-E84 interior and exterior primer** designed for use under protective coating systems. It provides **uniform adhesion** to common substrates in residential and equine construction assemblies. Formulated for **high-adhesion and blocking performance**, this primer creates a robust base for base/topcoat systems, improves film build, and enhances surface uniformity prior to final coating applications. BlazeStop Primer Generation 2 is engineered for varied environmental conditions, delivering consistent workability and drying behavior in standard construction temperature ranges.

Usage

Apply BlazeStop Primer Generation 2 on properly prepared substrates including:

- ▶ New and previously coated wood and wood engineered siding.
- ▶ Drywall, gypsum board, and cement fiberboard assemblies.
- ▶ Concrete, masonry and stucco exterior wall substrates.
- ▶ Architectural trim when specified.

This primer is suitable for both **interior and exterior surfaces** and accepts a wide range of topcoats including acrylic and latex, elastomeric systems, and pigmented protective finishes.

Technical Data

Vehicle:	100% Acrylic
Pigment:	Titanium Dioxide
Volume Solids:	57%± 1%
Spread Rate Per Gallon:	53 SqFt
Required Film	WET: 36 mils
Thickness Per Coat:	DRY: 22 mils
Number of Coats:	2 Coats

Coverage rates are based on smooth, uniform surfaces and do not account for material absorbed by porous or irregular substrates, losses related to application technique, or product handling and mixing.

Dry Time @ 77°F	To Touch:	30 min
(25°C); @ 55% RH:	To Recoat:	1 hour
	Full Cure	30 Days
Surface Temperature	Min:	50°F
During Application:	Max:	90°F

Drying, recoat, and service times will vary with temperature, humidity, film thickness, color, and air movement, with cooler conditions and higher humidity extending these timeframes.

Viscosity:	4,000-6,000 cP
Flash Point:	None
Sheen/Gloss:	10-15 GU
Clean Up:	Warm, Soapy Water
VOC:	<100 g/L
Weight Per Gallon:	10.8 lbs.
Storage Temperature:	Min: 45°F
	Max: 85°F

Surface Preparation

All surfaces must be clean, dry, and structurally sound prior to application. Remove loose or flaking coatings, dust, dirt, oils, grease, and other surface residues. Fill nail holes and repair cracks, joints, and open seams with appropriate patching and caulking materials. Dull glossy areas and smooth rough or repaired sections by sanding. Plaster, concrete, and masonry substrates must be fully cured, free of moisture and efflorescence before coating. **A two-coat application is required, with the initial coat functioning as a base coat.** Difficult stains, water damage, exposed metal, or chalking surfaces should be addressed before priming.

WARNING!

If you scrape, sand or remove old paint, you may release lead dust fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD AVOID EXPOSURE.**

Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

WOOD: Bare wood or weathered wood should be sanded smooth and cleaned thoroughly. Seal knots and resinous areas with an appropriate primer prior to finishing. Countersink fasteners and fill flush with the surrounding surface.

DRYWALL: Fastener should be countersunk and finished flush with joint compound. All patched areas must be sanded smooth and cleaned of dust prior to coating.

FERROUS METAL: Clean metal surfaces thoroughly to remove rust, scale, dust, and other contaminants. Prime with a suitable metal primer before coating.

CONCRETE: Newly placed concrete should be permitted to cure a minimum of 30 days, with 90 days preferred, prior to coating. Surface pH must be below 10 before application.

PLASTER: Plaster surfaces, including hard coat and skim coat applications, must be allowed to cure a minimum of 30 days before painting due to their alkaline nature.

Technical Assistance

Available through AF Tech USA

Call: 203-994-8788
Visit: www.aftechusa.com

Application Information

All Product must be applied by a UL Chain-of-Custody Certified Applicator. Full application instructions and training will take place at AF Tech USA/HausShield Pro Training Center. Note: Surface texture and porosity will affect actual yield. Apply when surface temperature is between 50°F and 90°F.

Spray/Pneumatic:
Pressure – 45/85 PSI Tip: 1.8 mm /20 PSI

Brush: High Quality Synthetic Bristle Only

Roller: 3/8” –3/4” Nap Roller Cover

Clean Up

Wash hands, brushes, rollers, and other painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.

Environmental & Safety

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH-approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Wash thoroughly after handling.

Prior to use, read and follow product-specific SDS and Label Information. FIRST AID: If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. May cause allergic reaction. **Keep out of the reach of children.**

Certifications

- ASTM-E2768 – SGS #3-57888-0-RV1 10/2024
-0.0 Ft. Flame Travel over 30 minutes – Gypsum
FSI: 0 SD: 5
- ASTM-E84 – SGS #3-57886-0-RV1 10/2024
-24.0 Ft. Flame Travel over 30 minutes – Plywood
FSI: 5 SD: 40
- ASTM-E84 – SGS #3-57887-0-RV1 10/2024
-18.7 Ft. Flame Travel over 30 minutes – OSB
FSI: 5 SD: 60

