



Acrylex 400 Primer

Product Data Sheet



PRODUCT DESCRIPTION

Acrylex 400 Primer is a single component, premium quality, exterior acrylic latex primer that is blister and stain resistant, permanently flexible and highly durable. It exhibits excellent corrosion resistance over metal substrates, alkali resistance over concrete and masonry, and tannin-blocking ability over wood surfaces. Because of its application versatility, **Acrylex 400 Primer** can be coated with a wide variety of finish coats.

Acrylex 400 Primer is a water-based, medium viscosity material, and conforms to most local, state and federal environmental and VOC requirements.

PACKAGING & SHELF LIFE

1 gallon (3.8 liter) bucket
5 gallon (19 liter) pail

Shelf life 18 months if unopened containers stored between 40°F and 70°F (4°C - 21°C).

BASIC USES & ADVANTAGES

Acrylex 400 Primer is effective in providing corrosion protection, flash rust resistance and enhanced adhesion over steel, aluminum and galvanized metal surfaces. Areas that exhibit heavy rust should be primed with Lockdown Primer. Sealy rusted metal must be brought into sound condition or be replaced.

Acrylex 400 Primer can be used over new or unpainted wood, where it is effective at blocking tannin bleed-through. It is also effective at locking down residual chalkiness on previously painted exterior surfaces. Over concrete and masonry substrates, the alkali resistance of **Acrylex 400 Primer** make it an ideal choice for use under GAF wall coating products.

Acrylex 400 Primer is a single component, off-white, ready-to-use material.

Advantages:

- **Application Versatility:** **Acrylex 400 Primer** exhibits excellent adhesion over a wide variety of properly prepared surfaces including: steel, aluminum, galvanized metal, new and weathered wood, previously painted surfaces, concrete, masonry and brick.
- **Non-Lifting:** Topcoats with strong solvents may be applied over cured **Acrylex 400 Primer** without lifting or bubbling the primer from the metal surface.
- **Excellent Flexibility:** The high ratio of acrylic resins contained in **Acrylex 400 Primer** provide for maximum penetration and flexibility characteristics, as well as excellent cold temperature performance. It will not become brittle with age.
- **VOC Compliant:** **Acrylex 400 Primer** is a water-based product and conforms to most local, state and federal environmental regulations and VOC requirements.

PHYSICAL PROPERTIES

ACRYLEX 400 PRIMER	
Solids by Weight	46% (± 1) [ASTM D2369]
Solids by Volume	36.2% (± 1) [ASTM D2697]
Weight per Gallon	10.1 lbs (4.6 kg) (± 2) [ASTM D1475]
Dry Time to Touch	20-30 minutes @ 75°F (24°C), 50% R.H. [ASTM D1640]
VOC	<100 g/L (calculated)

Cure Time for Recoating	1-24 hours @ 75°F (24°C) [ASTM D1640] Topcoating time for water-based products is approximately 1 hour. Allow 24 hours prior to topcoating with solvent-based products.
Low & High Service Limits	-30°F to 150°F (-34°C to 66°C)

APPLICATION INSTRUCTIONS

Acrylex 400 Primer may be applied by brush, conventional or airless spray. Any airless spray capable of 1,000 psi (6,980 kPa) and 1/2 gallon per minute (1.9 l/minute) can be used. A reversible, self-cleaning spray tip with an orifice size of .015" to .021" (.38 to .53 mm) and minimum 40 degree fan angle is recommended. Before spraying, flush equipment with clean water to prevent contamination. When using **Acrylex 400 Primer** as a spot primer over previously coated surfaces, abrade the existing material to a feather edge so that the topcoat makes a smooth transition over the primed areas. Apply using multi-directional spray passes to assure positive coverage. On porous or textured surfaces requiring more than one coat, subsequent coats should be applied in a direction perpendicular to the previous coat after it has dried.

Acrylex 400 Primer can be coated as soon as it is thoroughly dried, and should normally be coated within 48 hours of application. Surfaces that have become contaminated must be cleaned prior to coating. When used as a shop primer, the surfaces should be thoroughly washed with UCC or equal, and spot primed as necessary prior to coating.

Coverage rate will vary depending upon the substrate, its surface profile and porosity. One coat is usually sufficient for priming most surfaces.

Apply in two coats at a minimum total rate of 1-1.5 gallons per 100 ft² (.4-.6l /m²). See system specifications at GAF.com for more details.

GAF Liquid-Applied

January 2016, supersedes March 2014

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

continued on back



Acrylex 400 Primer

Product Data Sheet

APPLICATION INSTRUCTIONS, CONT'D

SUBSTRATE	COVERAGE RATE	SUBSTRATE	COVERAGE RATE
Galvanized Metal	300 ft ² /gal (7.3 m ² /L)	Standard Block	200 ft ² /gal (4.9 m ² /L)
Steel	200 ft ² /gal (4.9 m ² /L)	Lightweight or Textured Block	150 ft ² /gal (3.7 m ² /L)
Aluminum	300 ft ² /gal (7.3 m ² /L)	Wood	250–300 ft ² /gal (6.1–7.3 m ² /L)
Smooth Concrete	250 ft ² /gal (6.1 m ² /L)		

LIMITATIONS & PRECAUTIONS

Acrylex 400 Primer will freeze and become unusable below 32°F (0°C). Do not ship or store unless protection from freezing is available.

Do not apply if conditions will not permit complete cure before rain, dew or freezing temperatures occur. Do not apply **Acrylex 400 Primer** at temperatures below 50°F

(10°C), or when there is a possibility of temperatures falling below 32°F (0°C) within 2 hours of application.

Approved MSHA/NIOSH chemical cartridge respirator must be worn by applicator. Avoid contact with eyes and skin. For additional information, refer to OSHA guidelines and **Acrylex 400 Primer** Safety Data Sheet.

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 to thoroughly flush the equipment. Purge the water from the system using a mild solvent, leaving the solvent in the lines until next use.

GAF

1 Campus Drive
Parsippany, NJ 07054
1-800-ROOF-411
gaf.com

See applicable warranties and guarantees for complete coverage and restrictions.