

FLINTPRIME® SA

Primer for use with Self-Adhering Modified Bitumen Membrane

Product Information



FlintPrime® SA is a quick-dry, easy to apply, water-based primer used to prepare surfaces and promote adhesion when installing self-adhering roofing membranes such as Flintlastic® SA. FlintPrime SA primer is a ready to use, light-bodied coating that seals pores and creates a sound, adhesion-promoting surface. FlintPrime SA primer is suitable for use over wood, plywood, gypsum board, metal and concrete surfaces.

Advantages:

1. Applies easily
2. Quick drying
3. Promotes adhesion
4. Excellent coverage at 0.20-0.25 gallon per 100 sq.ft.
5. Use as is, needs no intermixing
6. Blue color eliminates possibility of bare spots
7. VOC compliant

Typical Physical Properties

CHARACTERISTIC	RESULT
Weight Per Gallon ASTM D1475	8.61 lbs.
Solids by Weight ASTM D1644	37%
Color	Blue
Dry Time @ 77°F and 50% Relative Humidity	30 Minutes
Cure Time @ 77°F 50% Relative Humidity	2 Hours
Application Temperature	40°F and above
Service Temperature	40°F to 160°F
VOCs	50 gm/L

Packaging

FLINTPRIME SA PACKAGING		
Packaging	1-gallon can	3.5-gallon pail
Weight	10 lbs./can	28 lbs./bucket
Units Per	6 cans/box 30 boxes/plt	70 buckets/plt
Approx. Wt.	1,620 lbs.	1,900 lbs.

Coverage

Apply **FlintPrime SA** by brush, roller or hand sprayer at the rate of 0.20-0.25 gallons per 100 sq. ft. More coverage may be required for extremely porous surfaces.

Preparation: All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel, peeling paint and all other foreign matter. Rusty metal must be cleaned with a wire brush and primed before application of this product. Do not heat or thin. DO NOT APPLY WHEN HEAVY DEW OR RAIN IS EXPECTED WITHIN 36 HOURS.

Product Application

Application: For exterior use only. Protective clothing and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Temperatures must be above 40°F (for 24 hours) and rising, but not above 120°F. Drying conditions are rated at a maximum relative humidity of 50%. Apply with a 1/4" nap exterior paint roller or professional airless sprayer. Allow to cure for 2-4 hours at 77°F and 50% relative humidity. Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times. Coverage rate is approximately 1 gallon per 400 square feet.

For Best Results: Apply on clear sunny day when surface temperatures are between 40°F and 120°F. Do not apply when rain is imminent. Primer must be dry before exposure to water or prior to application of SA membrane.

Clean-Up: Clean tools with soap and water.

Storage

Protect from freezing. Store between 50°F and 100°F. Keep container covered when not in use. Do not thin.

Precautions

Do not store at temperatures below 50°F. Keep closed when not in use. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in cargo area of vehicle and cover with secured protective cloth to prevent damage due to accidental spills. Do not store at temperatures above 110°F. CertainTeed also disclaims liability for flat surface application where poor drainage or moisture may prevail. For exterior use only. Do not reuse empty containers. Do not use in drinking water or food systems.

Technical Assistance and Services

CertainTeed provides technical assistance in the selection, specification and application guidelines for all CertainTeed Commercial Roofing products and systems. Refer also to the CertainTeed Commercial Roof Systems Specification Manual for additional information.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 x2.

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