

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 1/5 to 1/4 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	8.63 lbs.
Solids by Weight ASTM D1644	37%
Solids by Volume ASTM D2697	37%
Color	Blue; dries transparent
Dry Time @ 77°F and 50% Relative Humidity	30 Minutes
Cure Time @ 77°F 50% Relative Humidity	2 Hours
Application Temp.	40°F and above
Consistency, Brookfield RVF Viscometer, #2 Spindle @ 20 RPM @ 77°F ASTM D2196	40 Centipoise
Wet Mil Thickness:	3-4 Mils
Dry Mil Thickness:	1-1.5 Mils

Packaging

FLINTPRIME SA PACKAGING		
Size	No. per Pallet	Approx. weight per pallet
1-gallon can	144	1,400 lbs.
3-gallon bucket	48	1,650 lbs.
5-gallon pail	36	1,700 lbs.

Coverage

Apply **FlintPrime SA** by brush, roller or hand sprayer at the rate of 0.20 (1/5) gallons per 100 sq. ft. More coverage may be required for extremely porous surfaces.

Product Application

Surface Preparation: All surfaces to be primed must have proper drainage and be clean, dry and free of surface rust and any other foreign matter. Repair all problem areas with FlintPatch™ Rubberized Flashing Cement. MIX THOROUGHLY. DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 24 HOURS.

Application: Protective clothing and eyewear should be used during application of these products. Apply with professional airless sprayer, brush or roller at a rate of 500 sq. ft./gallon. Work material to a smooth and even consistency. Avoid excessive build up or puddles of primer. DO NOT APPLY TO ASPHALT DRIVEWAYS.

For Best Results: Apply on clear sunny day when surface temperatures are between 50°F and 120°F. Do not apply when rain is imminent. Primer must be dry before exposure to water.

Clean-Up: Clean up uncured material with water. Cured material may be cleaned up with paint thinner/mineral spirits.

Storage

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

Precautions

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 secure over protective cloths 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

Provide adequate ventilation and take necessary measures to prevent penetration of airborne solvents into the building structure. Cover air intakes during application and while drying.

CertainTeed provides technical assistance in the selection, specification and application guidelines for all CertainTeed Commercial Roofing products and systems. Architectural and field representatives are available for consultation within each region. Refer also to the CertainTeed Commercial Roof Systems Specification Manual for additional information.

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