

Affinity® Primer

Synthetic Rubber Primer for EPDM and TPO

Manufacturer:

Conklin Company Inc.
551 Valley Park Drive
Shakopee, Minnesota 55379
(800) 888 – 8838 Fax (952) 496 - 4285

Product Description:

Basic use: Affinity™ Primer is a synthetic rubber coating required for adhesion of Affinity® Base Coat to EPDM and TPO. Not for use on PVC.

Limitations: Must not be applied at temperatures below 40°F or during inclement weather. Surface temperature must be at least 5°F above dew point and relative humidity less than 80 percent to ensure dry surfaces. Mix thoroughly before use. Ambient temperature should not exceed 100°F and surface temperature should not exceed 120°F. The membrane must be free of ponding water. A roof surface which has more than 36 sq. ft. of water in any area ¼" deep or more, 48 hours after a rain, shall be considered unacceptable. Small "bird baths" cannot account for more than 5 percent of the entire roof surface.

Sizes: Available in a 5 gallon container.

Coverage Rate: Affinity Primer should be applied at 400 square feet per gallon depending on surface texture; 4-5 wet mils.

Technical Data:

Resin Type	Synthetic Rubber
Color	Red
Coverage	400 sq ft/gallon
Density	8.5 lbs./Gallon
Thickness	1.6-3.2 dry mils
Number of Coats	One
Dry Time**	4 Hours
Total Solids (by weight):	49%
(by volume):	40.5%
Elongation	400% (ASTM D-2370)
Tensile Strength	300 psi (ASTM D-2370)
VOC Content	520 g/L (4.0 lbs./gal)

**Dry time for Affinity Primer will vary depending on temperature, humidity, thickness at which the product is applied and wind. Lower wind speed, higher humidity or higher wet film thickness will increase the dry time in excess of the reported average.

Application:

Mixing/thinning: Always mix Affinity Primer thoroughly before use.

Surface Preparation: The substrate must be structurally sound, solid, clean and dry. The application surface must be finished, smooth and free of grease, wax, dirt, contaminants, moisture and other matter that would interfere with adhesion. It must also be free of chips, loose material, or other foreign matter.

NOTE: This product has no fire rating.

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Application: The recommended application rate is 400 sq. ft. per gallon of Affinity Primer. This rate is 4-5 wet mils on smooth surfaces. Under very irregular substrate conditions more product may be required. Must be applied in a continuous, unbroken film of dry thickness no less than 1.6-3.2 dry mils per coat over entire surface.

Clean Up:

While coating is still wet, clean tools and the area with xylene.

Disposal:

Dispose of product in accordance with local state and federal regulations governing hazardous waste.

Safety:

Warning: HARMFUL IF SWALLOWED. May cause eye, skin and respiratory system irritation. Keep out of the reach of children. If spraying use a NIOSH-approved dust/mist mask.

First Aid: Eyes – immediately flush with plenty of water for at least 15 minutes. If a contact lens is present, **DO NOT** delay irrigation or attempt to remove the lens until flushing is complete. Skin – wash with soap and water, followed by a thorough rinse. Ingestion – if swallowed, **DO NOT INDUCE VOMITING**, dilute with three to four glasses of water. Immediately call a Poison Control Center or physician for further instructions. Inhalation – immediately move to fresh air.

For US Health Hazard Information, call:

1-888-786-0974

Proposition 65 Statement: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Storage:

Keep containers tightly closed when not in use. Store in a cool place, above 40° F. Keep from freezing.

Please Note: *Previous field- applied coatings and residential properties are not warrantable.*



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