

Affinity™ Clear

Polyurethane Skylight and Masonry Coating

Manufacturer:

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

Product Description:

Basic use: Affinity™ Clear Skylight and Masonry coating is a polyurethane coating for rejuvenating and waterproofing weathered skylights and vertical masonry surfaces. It is designed as a waterproofing coating for fiberglass and plexiglass skylights as well as brick, stone, and concrete.

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 polyurethane foam 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 and case of 4 gallons.

Coverage Rate: Affinity Clear should be applied at 1.1 gallons per 100 square feet.

Technical Data:

Resin Type	Urethane
Color	Clear
Coverage	1.1 gallons per 100 sq. ft.
Density	8.0 lbs./Gallon
Thickness	13.5 dry mils
Number of Coats	One
Dry Time**	2-8 Hours
Total Solids (by weight):	68%
(by volume):	64%
Elongation	600% (ASTM D-2370)
Tensile Strength	2000 psi (ASTM D-2370)
VOC Content	250 g/L (2.1 lbs./gal)

**Dry time for Affinity 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 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 1.1 gallons per 100 sq. ft. of Affinity Clear. This rate includes 15 percent for application loss and 10 percent for surface texture. Under very irregular substrate conditions more product may be required. Must be applied in a continuous, unbroken film of dry thickness no less than 13.5 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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