

PARAFLEX 531 LIQUID FLASHING



Commercial Product Data Sheet

Product Description

Paraflex 531 Liquid Flashing is a high-performance, single component, moisture-cured flashing resin using silane terminated polymer (STP) technology. Paraflex 531 Liquid Flashing is the liquid component used to field-construct flashing membranes for approved roofing/waterproofing systems.

Product Uses

Paraflex 531 Liquid Flashing is combined with Pro Fleece to form a monolithic, reinforced flashing membrane used with a variety of Siplast roofing and waterproofing systems for flashing and repairs. Consult the Paraflex 531 Liquid Flashing Installer's Guide for detailed information.

Color

Paraflex 531 Liquid Flashing is supplied in medium gray and white colors.

Packaging

Paraflex 531 Liquid Flashing is supplied in 2-gallon resealable plastic pails.

Coverage/Consumption Rates

Smooth-surfaced Flashing Substrates

Minimum consumption:

Total: 0.056 gallons/square foot

Base coat: 0.037 gallons/square foot

Top coat: 0.019 gallons/square foot

Coverage per 2-gallon pail: 35 square feet

Granule-surfaced Flashing Substrates

Minimum consumption:

Total: 0.075 gallons/square foot

Base coat: 0.056 gallons/square foot

Top coat: 0.019 gallons/square foot

Coverage per 2-gallon pail: 26 square feet

See Siplast specifications and details for specific applications. Consumption rates do not include waste or overage factors, including material required to saturate roller covers or brushes. Yields will vary depending upon the substrate porosity and texture.

Application Conditions

Maintain a minimum product temperature of 55°F (13°C) and a minimum ambient and substrate temperature of 40°F (5°C) at the point of application. Do not apply product if the ambient or substrate temperature is within 5°F of the dew point.

Storage

Product shelf life is 6 months from ship date. Store indoors in the factory sealed container in dry area having an ambient temperature between 40°F (5°C) and 90°F (32°C). Ensure that the lid is well secured/sealed to prevent exposure to moisture. A skin may form on the surface of product in less than full pails. Peel away the layer of cured material to expose fluid product. Stir product before use.

Handling

Avoid skin and eye contact with this material. Do not eat, drink or smoke in the application area. Consult the Safety Data Sheet (SDS) for more information on handling and disposal.

VOC Content: Less than 25 g/L

Personal Protection Equipment

Workers must wear a long-sleeved shirt, long pants and work boots. Use butyl or nitrile gloves when handling or applying product. Safety goggles are required for eye protection. Consult the Safety Data Sheet (SDS) for more information on personal protection.

Pot Life

Paraflex 531 Liquid Flashing pot life is approximately 60 minutes.

Set Times

Dry to touch: 30 minutes

Rainproof after: 90 minutes

Can be trafficked after: 6 hours

Full cure after: 72 hours

All times are approximate and are based upon application of product at 70°F (21°C) and 50% relative humidity. The times referenced above will be longer at lower temperatures/humidity and shorter under higher temperature/humidity conditions.

Tool Cleaning

When work is interrupted or completed, reusable tools may be cleaned with Pro Prep M or a citrus-based cleaner before product hardens.

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Paraflex 531 Liquid Flashing Physical and Mechanical Properties

Property (as installed)	Values / Units	Test Method
Membrane Thickness	90 mils (2.3 mm)	ASTM D5147 - section 6
Peak Load @ 73°F	55 lbf/in	ASTM D5147- section 7
Elongation @ Peak Load	35%	ASTM D5147 - section 7
Shore A Hardness	80	ASTM D2240
Low Temperature Flexibility	(-40°F [-40°C])	ASTM D5147 - section 12
Dimensional Stability (maximum movement)	0.15%	ASTM D5147 - section 11
Tear Strength	60 lbf	ASTM D5147 - section 8
Water Vapor Transmission	0.47 perms	ASTM E96

Values in this table are based on testing/evaluation of 90-mil (2.3 mm) Paraflex 531 Liquid Flashing reinforced with Pro Fleece.