PRO PRIMER AC

Commercial Product Data Sheet

Product Description
Pro Primer AC is a single component, water-based, acrylic latex, general purpose primer used as a bleed-blocker, adhesion promoter and corrosion inhibitor prior to application of Paraflex Liquid Membrane and Paraflex 531 Liquid Flashing systems.

Product Use
Pro Primer AC is used as a bleed-blocker over bituminous substrates and is also effective as a tannin bleed-blocker when applied over wood/plywood. Pro Primer AC also enhances adhesion to steel, galvanized steel, Galvalume®-coated steel, aluminum, wood/plywood, concrete masonry, brick, CMU and previously painted surfaces. Pro Primer AC can be applied by roller, brush, or spray.

Application Conditions
Pro Primer AC can be applied when the ambient and substrate temperature is within the rate noted in the table below. Discontinue primer application when the ambient or substrate temperature is outside of the specified range or if conditions will not allow for complete cure before rain, dew or freezing temperatures occur. Do not apply Pro Primer AC if ambient or substrate temperatures are below 50°F (10°C), if there is a possibility that ambient temperatures may fall to 32ºF (0º C) within 2 hours of application, if the substrate is within 5ºF of the dew point or if the relative humidity is above 90%. Cool temperatures and high humidity will slow the drying process.

Dry Time to Touch: 20-30 minutes @ 75ºF (24ºC)/50% RH (ASTM D1640)

Cure Time for Application of Subsequent Coats of Primer: Typically 1-hour (depending on ambient conditions)

Maximum Exposure Time before Application of Liquid Membrane: 48 hours

Provide adequate shade over the substrate area both prior to and during application as necessary to maintain substrate surface temperatures below 105º F (40º C).

When work is interrupted or completed, clean tools using water and Pro Prep CC before the liquid hardens.

COMMERCIAL PRODUCT INFORMATION
Unit: 5-gallon pail (18.9 liters)
Pro Primer AC is formulated in a bone white color.

Properties:
Solids by Weight: 46% (±1%) [ASTM D2369]
Solids by Volume: 36.2% (±1%) [ASTM D2697]
Weight per Gallon: 10.4. lb (4.6 kg) (±2%) [ASTM D1475]
VOC Content: <100 g/L

Application/Coverage Rates (Typical Minimum Values)
Smooth Asphaltic Substrates: 0.6 gal/sq (0.24 l/m²)

Granule-surfaced Asphaltic Substrates: 0.7 gal/sq (0.29 l/m²)

Galvanized Steel/Aluminum: 0.3 gal/sq (0.12 l/m²)

Steel: 0.5 gal/sq (0.21 l/m²)

Wood/Plywood: 0.4 gal/sq (0.17 l/m²)

See applicable Siplast Installers Guides for specific applications. Application/coverage rates may vary depending upon the specific substrate and the texture/porosity of the substrate.

Shelf Life: 18 months (if stored at 40°F (4°C) to 90°F (32°C)

Number of 5-gallon pails per pallet: 36
Number of pallets per truck: 20
Gross weight per pail: 61 lb (27.7 kg)

Pallet size:
5-gallon pails 48 in X 42 in X 49 in (122 cm X 107 cm X 124 cm)
Shipping Classification: Not regulated as a dangerous material.

Storage and Handling
Pallets of Pro Primer AC should be stored upright on a clean, flat surface at temperatures between 40°F (4°C) and 90°F (32°C). Avoid storage in direct sunlight during summer months. Do not allow containers of Pro Primer AC to freeze under any circumstances.

Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink or smoke in the application area.

Consult the Safety Data Sheet (SDS) for additional information on storage and handling of this product.

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Personal Protection Equipment (PPE)

Workers must wear a long sleeved shirt with long pants and work boots. Workers must use only butyl rubber or nitrile gloves when mixing or applying this product. Safety goggles are required for eye protection.

Use local exhaust ventilation to maintain worker exposure below TLV. If the airborne concentration poses a health hazard, becomes irritating or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134. Specific type of respirator will depend on the airborne concentration.

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Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.