

PRO PRIMER R RESIN



Commercial Product Data Sheet

Product Description

Pro Primer R Resin is a high performance thixotropic PMMA resin which, when catalyzed with Pro Catalyst, results in a fast-curing PMMA primer.

Product Use

Catalyzed Pro Primer R Resin is required prior to application of the Parapro Roof Membrane System and the Parapro 123 Flashing System over asphaltic substrates found in conjunction with roofing and flashing applications. Catalyzed Pro Primer R Resin is also used in conjunction with reinforced and unreinforced Terapro Waterproofing and Surfacing Systems installed over asphaltic substrates.

Packaging

Pro Primer R Resin is supplied in 5-kg (11-lb) and 10-kg (22-lb) resealable drums with locking rings.

Colors

Pro Primer R Resin is a translucent, cloudy base color.

Coverage Rates

Minimum consumption: 0.037 kg/sf (0.4 kg/m²)

See recommendations for specific applications. Yields will vary depending upon the system selected and the smoothness and absorbency of the substrate.

Application Conditions

Pro Primer R Resin can be applied when the ambient temperature is between 32°F (0°C) and 104°F (40°C) and the substrate temperature is between 32°F (0°C) and 122°F (50°C). Discontinue primer application when the ambient temperature exceeds 104°F (40°C) and/or the substrate temperature exceeds the 122°F (50°C) maximum, or provide adequate shade to the substrate area for up to one hour prior to and during application as necessary to maintain surface temperatures below the maximum.

NOTE: Pro Primer R Resin can be covered with the Parapro Roof Membrane System, the Parapro 123 Flashing System, Terapro Base Resin, or Terapro Flashing Resin a minimum of 45 minutes following application. Pro Primer R Resin can be exposed for up to 6 months. If the surface of the primer becomes dirty or contaminated from long-term exposure to the elements, thoroughly clean the in-place and cured primer with Pro Prep. After the solvent has been allowed 20 minutes to evaporate, the primer may be coated as required.

Storage

Product shelf life is approximately 6 months from ship date. Shelf life will be reduced if product is stored at temperatures above 77°F (25°C). Store indoors in a closed container in a well-ventilated, cool, dry area away from heat, open fire, any ignition source, direct sunlight, oxidizing agents, strong acids, and strong alkalis. Do not store in temperatures below 32°F (0°C). Product may auto-polymerize at temperatures greater than 140°F (60°C). Materials stored on the job site during application should be kept on a pallet in a shaded, well-ventilated area. In unshaded areas, materials should be covered with a white, reflective tarp in a manner that allows air circulation underneath the tarp.

Handling

Do not smoke. Keep away from open fire, flame or any ignition source. Vapors may form explosive mixtures with air. Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink or smoke in the application area.

Consult the Material Safety Data Sheet for additional information pertaining to this product.

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 glasses with side shields 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. Filtering face piece or dust mask is not acceptable for use with this product if TLV filtering levels have been exceeded.

Mixing & Catalyzing

If batch mixing, thoroughly mix the entire drum of resin for 2-3 minutes prior to pouring resin into a second container. Catalyze only the amount of resin that can be used within the anticipated pot life. Add pre-measured catalyst to the resin, stir for 2 minutes using a slow-speed mechanical agitator or mixing stick, and apply to the substrate. The amount of catalyst needed is based on the weight of the resin used, and varies with the ambient temperature as shown in the chart on the back of this sheet.

Pot Life

Pro Primer R Resin pot life is approximately 10 minutes at 68°F (20°C). Because pot life is in large part dependent on ambient temperature, which constantly changes, actual pot life must be determined in the field. Pot life will be reduced at high temperatures.

Set Time

Minimum set times noted below are approximate, and may vary. The information provided is based on laboratory conditions, and is intended for use as a guideline only. Actual set times and cure times should be established in the field, based on actual field conditions.

Rain Proof at 68°F (20°C): Approximately 25 minutes
Ready for Next Coat at 68°F (20°C): Approximately 45 minutes

Tool Cleaning

When work is interrupted or completed, reusable tools must be thoroughly cleaned with Pro Prep before the resin hardens.

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Pro Catalyst Mixing Chart

The amount of Pro Catalyst used with Pro Primer R Resin varies from a minimum of 2% to 6% maximum by weight, depending upon the ambient temperatures as indicated in the following table:

Resin Quantity	2% Catalyst 59°F to 104°F (15°C to 40°C)				4% Catalyst 41°F to 59°F (5°C to 15°C)				6% Catalyst 32°F to 41°F (0°C to 5°C)			
	g	kg	Tbsp.	0.1-kg Bags	g	kg	Tbsp.	0.1-kg Bags	g	kg	Tbsp.	0.1-kg Bags
1 kg (1.0 liter)	20	.02	2	n/a	40	.04	4	n/a	60	.06	6	n/a
5 kg (5.0 liter)	100	0.1	10	1	200	0.2	20	2	300	0.3	30	3
10.0 kg (10.0 liter)	200	0.2	20	2	400	0.4	40	4	600	0.6	60	6

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