

# PRO PRIMER LD



## Commercial Product Data Sheet

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### **Product Description**

Pro Primer LD is a high performance, moisture-cured, polyurethane-based substrate penetrating primer for use in conjunction with Paraflex Metal Roof Coating Systems.

### **Product Use**

Pro Primer LD is used where metal roof panels are to be treated prior to application of Paraflex Metal Roof Coating Systems. Pro Primer LD is used for corrosion protection and as an adhesion promoter for steel, aluminum and galvanized metal surfaces. Pro Primer LD can be used over sound, rusted metal substrates where sandblasting or mechanical abrasion is not possible.

### **Application Guidelines/Conditions**

Pro Primer LD is applied by roller, brush or spray (recommended). An airless sprayer having a minimum capacity of 1000 psi/½-gallon per minute yields the best results. One coat of Pro Primer LD is sufficient for priming most metal surfaces. Provide adequate shade over the substrate area both prior to and during application as necessary to maintain substrate surface temperatures below 105° F (40° C).

Application Temperature Range: 32°F (0°C) to 105°F (40°C)  
Dry Time to touch: Dry time to touch is approx. 1-hour at 75° 50% RH.

Cure Time: Approx. 12 hours at 75°F (24°C) and 50% RH.  
Maximum exposure time prior to application of liquid membrane: 24-hours following application. Do not overlay with coating if exposed for more 24 hours.

Tools should be thoroughly cleaned with Xytol. Water and Pro Prep CC can also be used to flush spray equipment. Purge water from the equipment using a mild solvent and leave solvent in the lines for storage.

### **Commercial Product Information**

Unit: 5-Gallon Metal Pail (19 liters)  
Coverage: Steel/galvanized steel/aluminum  
0.25-0.35 gal/sq (0.11-0.13 l/m<sup>2</sup>)  
Sound - rusted steel  
0.35 gal/sq (0.13 l/m<sup>2</sup>)

Coverage will vary depending upon the type and condition of the substrate.

VOC content: <420 g/l VOC

Shipping Classifications: Red Label (combustible)

### **Storage and Handling**

Pro Primer LD is affected by moisture and must be protected from moisture contamination. Pails are factory sealed with a gas cap to prevent contamination. Once opened, the entire pail must be used in its entirety. Store pails of Pro Primer LD upright on a clean, flat surface at temperatures between 50°F (10°C) and 100°F (38°C). Store pails in a dry place, out of direct exposure to the elements, and keep away from excessive heat, fire or open flames.

Use product only in a well ventilated area away from heat, sparks and open flame. Use explosion-proof application equipment that has been grounded and bonded.

Product shelf life is 12 months.

### **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.

Consult the Safety Data Sheet (SDS) for additional information pertaining to this product.

*Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at [www.Siplast.com](http://www.Siplast.com).*

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