

**LV PRIMER FOR CONCRETE**

1. **GENERIC TYPE:** 100% Solids (Solvent Free), Two Component Polyurethane
2. **USAGE:** Concrete Flooring.
3. **COMPOSITION:**

Resin	Modified Polyol Additives	Activator	Modified Polymeric Isocyanate Additives
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4. **SPECIFICATION:**

Mixing Ratio	Resin / Activator = 2 / 1 (Volume)
Thinning Ratio	Do Not Thin.
Colour	Resin: Light Yellow Activator: Brown
Specific Gravity (25°C)	1.08 (Resin 1.01 +/- 0.03, Activator 1.23 +/- 0.02)
Viscosity (25°C)	Resin 2500 Cps +/- 400 Activator 275 Cps +/- 75
Touch Dry (30°C)	40-50 Minutes depending upon surface temp, DFT
Tack Free (30°C)	60-120 Minutes depending upon surface temp, DFT
5. **APPLICATION STANDARD:**

<b>Surface Preparation:</b>	Substrate must be clean of contaminants such as laitance, dirt, debris, oil, and grease that can affect adhesion. If floor is smooth, create profile by abrasive blasting/ shot blasting as per Section 6 of SSPC-TR5. Verify that substrate is dry before proceeding with application of primer.
<b>Conditions:</b>	Temperature 5 - 50°C
<b>Application Method:</b>	Roller, Airless Spray (Graco 231-865).
<b>Pot Life, Roller:</b>	20-30 minutes approx. after mixing
<b>Film Thickness:</b>	100-150 Microns WFT depending on concrete surface
<b>Theoretical Coverage:</b>	6.5- 10.0 Sq.m/ Litre (WFT = DFT)
<b>Overcoat Interval:</b>	Primer must be touch dry (1-2 hours, depending upon temperature) but not fully cured (24-48 hours, depending upon temperature).
6. **PRECAUTIONS:** Use full sets of pre-measured Resin and Activator. Do not expose open unmixed drums to atmospheric moisture.
7. **TYPICAL PROPERTIES:**

Tensile Strength > 20 N/mm <sup>2</sup>
Elongation > 50%
Hardness > 75 Shore D
Adhesion > Greater than concrete tensile strength