

# Sprayglass

## LP Primer



PRODUCT DESCRIPTION	<b>Sprayglass LP Primer</b> is normally applied to a suitably prepared steel substrate as a holding / prefabrication primer and to concrete substrates as a substrate sealer.
VOLUME SOLIDS	98% - 99%
COLOUR	Normally red or clear
STORAGE GUIDELINES	The coating should be stored in a dark dry place at a temperature between 10°C and 20°C. The shelf life of styrene dissolved vinyl ester resins, nominally 6 months, will be significantly reduced when exposed to light.
UNIT SIZE	20 ltr tin (20.4 kg) Theoretical coverage 0.98 sqm / kg at 1 mm dft
APPLICATION CONDITIONS	Application temperature should be between 5°C & 25°C with a maximum RH of 90%. The substrate temperature should be no lower than is 5°C and a minimum of 3°C above dew point.
VENTILATION / LIGHTING	Do not use in a confined space without adequate ventilation or breathing equipment. Use only EEx em II T3 Zone 1 lighting and indirect fan blowers within an enclosed environment.
FLASH POINT	31°C
APPLICATION EQUIPMENT	<b>LP Primer</b> can be applied by Brush, Roller Conventional and Airless spray. Tip size 0.013" - 0.019" (325 – 475 microns) Pressure at tip 1,500 – 2,000 psi (105 – 140 kg/cm <sup>2</sup> )
POT LIFE	40 – 60 minutes
APPLICATION PROCESS	<p>Sprayglass LP Primer should be applied in one coat at an approximate thickness of 20 to 25 microns.</p> <p>The uncatalysed material should be mixed thoroughly using a mechanical whip. The primer should then be catalysed according to quantity and ambient temperature using a medium reactivity peroxide based catalyst. The quantity of catalyst used can vary between 1 and 4% but the ideal is always 2%.</p> <p>Ensure the two components are fully mixed using a mechanical whip prior to application. Use all Sprayglass materials directly after mixing.</p> <p><b>NOTE: Use of less than 1% catalyst will not produce a full cure of the coating material. Inadequate mixing will lead to areas of unsatisfactory cure.</b></p> <p>Pay particular attention to the stated pot life of the material. Clean down tools and equipment with Acetone within this specified time. Great care must be taken to avoid contaminating the coating material with Acetone as this can have adverse effects on the cure of the material.</p>
OVERCOATING TIME	@ 10°C: Minimum 6 hrs – maximum 7 days @ 25°C: Minimum 4 hrs – maximum 2 days
INSPECTION & TESTING	Visually inspect for sags, runs and misses. Minor defects or inclusions in the primer will not adversely affect the performance of the system.