# Sprayglass

## Wax Top Coats

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| PRODUCT DESCRIPTION | **Sprayglass** Non or Pigmented Wax Top Coats are intended for application on top of any Sprayglass lining system and will aid the full cure throughout the whole thickness of the lining systems. Standard colours blue or grey but other colours available.<br><br>**Sprayglass** Topcoats can be formulated from a number of high performances resins and are available in a carbon filled vinyl ester format designed specifically to dissipate static charge. |
| PRINCIPAL CHARACTERISTICS | • Maximise the chemical resistance of the lining system.<br>• Eliminate air inhibition.<br>• Improve cosmetic appearance and surface finish. |
| VOLUME SOLIDS | 98% - 99% |
| CHEMICAL RESISTANCE | Refer to Sprayglass International Ltd for specific information |
| STORAGE GUIDELINES | The coating should be stored in a dark dry place at a temperature between 5$^{O}$C and 25$^{O}$C. The shelf life of styrene dissolved vinyl ester resins, nominally 6 months, will be significantly reduced when exposed to light. |
| CURE TIMES 15$^{O}$C | Touch dry approx. 2.5 hrs. Full chemical cure 2-7 days. |
| 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$^{O}$C & 25$^{O}$C with a maximum RH of 90%. The substrate temperature should be no lower than is 5$^{O}$C and a minimum of 3$^{O}$C above dew point |
| APPLICATION EQUIPMENT | 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$^{2}$) |
| POT LIFE | 40 – 60 minutes |
| APPLICATION PROCESS | Sprayglass Non or Pigmented Wax Top Coat should be applied in one coat at an approximate thickness of 200 to 250 microns.<br><br>The uncatalysed material should be mixed thoroughly using a mechanical whip. The material should then be catalysed according to quantity and ambient temperature. The quantity of catalyst used can vary between 1 and 4% but the ideal is always 2%.<br><br>Ensure the two components are fully mixed using a mechanical whip prior to application. Use all Sprayglass materials directly after mixing.<br><br>**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.**<br><br>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. |
| INSPECTION & TESTING | Visually inspect for sags, runs and misses |

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