



CARBOXIDE ALUMINIUM WOOD PRIMER

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| Product Description | A solvent-borne blend of fine grade aluminium and high quality resin. Formulated for interior and exterior use on new or bare timber. It provides a barrier against the oily exudations of naturally resinous timber. | | | |
| Recommended Uses | Formulated for interior and exterior use on new or bare timber. Used as a sealer on weathered creosote, smoke damaged surfaces and is also suitable for use as a sealer on surfaces having a moderate coat of bituminous material applied, or as a substitute for shellac knotting. It may also be used as a universal primer on ferrous metals. | | | |
| VOC Content & Compliance | 395 + 20 g/litre 2004/42/EC (2012)* sub-category (i) - VOC level below 500 g/l. | | | |
| Finish | Semi - Gloss | | | |
| Volume Solids | 54 ± 2% | | | |
| Pack Sizes Available | 1L, 2.5L, 5L. | | | |
| Film Thickness & Coverage | | Dry Film Thickness | Wet Film Thickness | Theoretical Coverage |
| | Minimum | 36 µm | 70 µm | 15 m ² /litre |
| | Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions. | | | |
| Minimum Application Temperature | Air temperature 15°C | | Substrate temperature 10°C | |
| Drying & Overcoating Times | Applied to 30 microns DFT | +10°C | +20°C | +30°C |
| | Touch Dry | 12 hr | 6 hr | 4 hr |
| | Hard Dry | 48 hr | 24 hr | 24 hr |
| | Full Hardness | Minimum | 7 Days | 5 Days |
| | Overcoating | Maximum | 24 hr | 16 hr |
| | Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation. | | | |
| Colour Range | Metallic Grey | | | |
| Product Code | 1L - P141, 2.5L - P142, 5L - P143. | | | |
| Specific Gravity | 0.85 – 1.15 kg/lt | | | |
| Storage Conditions | Between 15°C - 25°C for at least 12 hours prior to use. Do not allow to freeze. | | | |
| Shelf Life | Minimum 2 years if stored as above in unopened containers | | | |
| Flash Point | Above 38°C (closed cup) | | | |
| Surface Preparation | On previously painted surfaces, ensure it is sound and non-flaking. Abrade the surface preferably by mechanical abrasion to provide a "key" and maximise adhesion of the subsequent coating. | | | |
| Typical Viscosity | 2 - 4 Poise @ 25 °C | | | |



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| Mixing | Stir the paint with a drill stirrer or wooden baton at least 2" wide. Continue to stir during application to avoid the settlement of the Aluminium Paste. | | | | |
| Thinner | Do not thin Equipment Cleaner: White Spirit | | | | |
| Application | Apply by brush or roller and work well into the surface. Use a paint brush for cutting in. Avoid applying the paint too thickly to avoid delaying drying times. The second coat can be applied as soon as the first coat is dry after 12-24 hours, and should be applied within 5 days. If more than 5 days elapse, the first coat should be lightly abraded before the second coat is applied. Avoid washing the surface for 7 days. | | | | |
| Preceding Coat | Not Required | | | | |
| Subsequent Coat | A wide range of Palatine Top coats can be applied. Contact our Technical department to discuss the most suitable for your project. | | | | |
| Application Methods | Method | Airless Spray | Conventional Spray | Brush | Roller |
| | | Yes | Yes | Yes | Yes |
| | <ul style="list-style-type: none"> • Airless Spray: Output fluid pressure at tip 2000-3000 psi, 7-11 thou tip (0.38-0.53 mm) - Do not thin. • Application by brush can achieve up to 75 microns dft. • When applying by roller, use a solvent resistant sleeve. • Avoid excessive film thickness as this will cause through-drying problems | | | | |
| Product Notes | As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination. In confined spaces, provide adequate ventilation during application and drying. | | | | |
| Health & Safety | Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from | | | | |

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