



Carboxide All Purpose Primer Undercoat Primer

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| Product Description | Carboxide All Purpose Primer Undercoat is a solvent borne, high build base coat. Contains rust inhibiting pigments and has exceptionally high opacity and a full body. Making it perfect as a filler coat for uneven surfaces or if sanding is required on new timber. | | | | |
| Recommended Uses | For use on bare or new timber, iron, steel and previously painted surfaces | | | | |
| VOC Content | 320 ± 20 g/litre | | | | |
| Finish | Matt | | | | |
| Volume Solids | 58 ± 2% - Varies with colour | | | | |
| Pack Sizes Available | 0.5L - 1L - 2.5L - 5L - 20L | | | | |
| Film Thickness & Coverage | | Dry Film Thickness | Wet Film Thickness | Theoretical Coverage | |
| | Minimum | 52 µm | 90 µm | 11.15 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 | | 8 hr | 3 hr | 2 hr |
| | Hard Dry | | 48 hr | 24 hr | 24 hr |
| | Full Hardness | Minimum | 7 Days | 5 Days | 5 Days |
| | Overcoating | Maximum | 24 hr | 16 hr | 12 hr |
| | Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation. | | | | |
| Colour Range | White, Grey, Red and Pastel shades. | | | | |
| Product Code | 0.5L - P101. 1L - P102. 2.5L - P103. 5L - P104. 20L - P105 | | | | |
| Specific Gravity | 1.5 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. The standard grades of cleanliness for abrasive blast cleaning in accordance with BS EN ISO 8501-1[1] are: Sa 1 – Light blast cleaning Sa 2 – Thorough blast cleaning Sa 2½ – Very thorough blast cleaning Sa 3 – Blast cleaning to visually clean steel | | | | |
| Typical Viscosity | 9 Poise @ 20 °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 thickening of the product. | | | | |
| Thinner | White Spirit | | Equipment Cleaner: White Spirit | | |
| Application | Apply by brush, roller or spray and work well into the surface. Avoid applying the paint to thickly to avoid delaying drying times. The second and subsequent coats can be applied as soon as the first / preceding coat is dry usually 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 power washing the surface for 7 days. | | | | |
| Preceding Coat | Apply direct to dry stable surfaces. For Galvanized or Aluminium surfaces, pre-treat with Carbowash Mordant solution as per application instructions. | | | | |
| Subsequent Coat | A wide range of Palatine Top coats can be applied dependent on the final finish. 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, .013 - .015 - Gun Filter: Yellow • Application by brush can achieve up to 55 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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