

ViterLac 046 One Coat Finish – Semi-gloss

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|--|--|---------------------------|-------------------------------|-----------------------------|--------------|
| Product Description | A one coat* anticorrosive primer/finish for steelwork (semi-gloss). Fast drying single coat system for blast cleaned steelwork for in-shop application. | | | | |
| Features & Use | <ul style="list-style-type: none"> • For use as an anticorrosive primer/finish for structural steelwork • Designed for airless spray application • Excellent build properties and hold-up on edges • Readily available in a wide range of BS and RAL colours | | | | |
| Approvals/ Certification | Please consult Axalta Coating Systems | | | | |
| Finish | Semi-gloss | | | | |
| Volume Solids | 45 ± 2% (may vary with colour) | | | | |
| VOC Content | 534 ± 20 g/litre (varies with colour) | | | | |
| Film Thickness Range And Coverage | | Dry Film Thickness | Wet Film Thickness | Theoretical Coverage | |
| | Minimum | 75 µm | 167 µm | 6.0 m ² /litre | |
| | Maximum | 125 µm | 278 µm | 3.6 m ² /litre | |
| | Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated | | | | |
| Drying Times | Applied to 75 microns DFT | | +10°C | +23°C | +35°C |
| | Dust Free | | 1 hr | 20 min | 15 min |
| | Hard Dry | | 9 hr | 4 hr | 2½ hr |
| | Overcoating | Minimum | 9 hr | 4 hr | 2½ hr |
| | | Maximum | Indefinite if clean and sound | | |
| | Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation | | | | |
| Colours | BS and RAL shades by in-can tinting | | | | |
| Product Code | 6046 6047 (L) | | | | |
| SG | 1.16 kg/lt (may vary with colour) | | | | |
| Storage Conditions | Store in dry, cool conditions and protect from frost | | | | |
| Shelf Life | Minimum 12 months if stored as above in unopened containers | | | | |
| Flash Point | 23-60°C | | | | |

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| Surface Preparation | <ul style="list-style-type: none"> All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination. Where necessary, remove weld spatter and grind smooth all sharp edges and weld seams Blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns | | | | | | | | | | | | | | |
|--|---|---------------|---------------------------------------|-------|--------|--------|---------------|--------------------|-------|--------|--|-----|----|-----|-----|
| Mixing | <p>Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.</p> | | | | | | | | | | | | | | |
| Thinner | 1006 Thinner | | Equipment Cleaner 1006 Thinner | | | | | | | | | | | | |
| Application Conditions | <p>Only apply in conditions of good ventilation which must be maintained during drying and curing. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point. Paint temperature should ideally be at a minimum of 15°C.</p> | | | | | | | | | | | | | | |
| Application Methods | <table border="1"> <thead> <tr> <th data-bbox="451 831 675 904">Method</th> <th data-bbox="675 831 922 904">Airless Spray</th> <th data-bbox="922 831 1169 904">Conventional Spray</th> <th data-bbox="1169 831 1337 904">Brush</th> <th data-bbox="1337 831 1490 904">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 904 675 960"></td> <td data-bbox="675 904 922 960">Yes</td> <td data-bbox="922 904 1169 960">No</td> <td data-bbox="1169 904 1337 960">Yes</td> <td data-bbox="1337 904 1490 960">Yes</td> </tr> </tbody> </table> | | | | | Method | Airless Spray | Conventional Spray | Brush | Roller | | Yes | No | Yes | Yes |
| | Method | Airless Spray | Conventional Spray | Brush | Roller | | | | | | | | | | |
| | Yes | No | Yes | Yes | | | | | | | | | | | |
| <ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2000 psi min., Tip Size 15-19 thou (0.38-0.48 mm) Thinning of the coating is not recommended as this will reduce the build qualities Application by brush/roller will result in a reduced film thickness and is recommended only for small areas of touch up/remedial work | | | | | | | | | | | | | | | |
| Product Notes | <ul style="list-style-type: none"> Overcoating - not applicable. Damage areas may be touched up after a minimum of 4 hours at 23°C In common with most alkyd primers and primer/finishes, this product is not recommended for extended exterior exposure, exposure in aggressive or coastal locations, or for immersion. Epoxy primers are preferred for these conditions, please consult Axalta Coating Systems for advice Some shades may contain lead based colourants and these are labelled (L) *Colours such as yellows, reds and oranges have lower opacity, especially when produced using lead-free pigments. Two or three coats of these shades may be required, relative to only one coat of a grey or red oxide, so that yellows, bright reds and oranges may not be suitable as one coat systems | | | | | | | | | | | | | | |
| Health & Safety | <p>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 Axalta Coating Systems.</p> | | | | | | | | | | | | | | |

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