

ViterDur HS90 Gloss Finish

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| Product Description | A two pack, compliant polyurethane gloss finish for the high performance ACE market. | | | |
| Features & Use | <ul style="list-style-type: none">• Excellent gloss and distinction of image• Excellent durability• When applied over a suitable primer such as ViterCoat HSP, it gives a superb compliant system with cutting-edge properties• Suitable for application by conventional and airless spray• Compliant to UK EPA regulations (below 420 gm/ltr) at application viscosity• Suitable for agricultural and earth moving equipment | | | |
| Approvals/ Certification | Please consult Axalta Coating Systems | | | |
| Finish | Gloss | | | |
| Volume Solids | 55 ± 2% (varies with colour) | | | |
| VOC Content | Below 420 ± 20 g/litre (varies with colour) | | | |
| Film Thickness Range And Coverage | | Dry Film Thickness | Wet Film Thickness | Theoretical Coverage |
| | Minimum | 25 µm | 45 µm | 22.0 m²/litre |
| | Maximum | 35 µm | 64 µm | 15.7 m²/litre |
| | Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated | | | |
| Drying Times | At DFT 30 µm | | +23°C | |
| | Flash off | | 10-15 min | |
| | Air dry | | Hard overnight | |
| | Force dry | | 30 min at 80°C | |
| | Overcoating | | When cool and before 48 hours | |
| | Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation | | | |
| Colours | White, Yellow, Black, Grey and a full range of colours to customer specifications | | | |
| Mix Ratio/ Product Code | Base Hardener | 2902 4051 035 | 2 to 3½ parts by volume (depending on colour) 1 part by volume | |
| Pot Life | 1½ - 2 hours at 23°C | | | |
| SG | 1.00 - 1.45 kg/ltr mixed (varies 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°C – 60°C | | | |

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| Surface Preparation | <ul style="list-style-type: none"> This product is recommended as a finish coat applied over an appropriate primer or intermediate coating It can also be used as a DTM primer/finish for moderate environments where longer term performance is not critical. When used as a DTM, surface preparation should be to a minimum St2 (ISO 8501-1:2007) standard, taking care to avoid 'polishing' the steel surface All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination | | | | |
| Mixing | Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator. Agitate periodically during use to ensure product remains homogeneous. | | | | |
| Thinner | 1728 Thinner Equipment Cleaner 1728 Thinner | | | | |
| Application Conditions | 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. Only apply this product when the above conditions can be maintained throughout the critical application and drying/curing process. Paint temperature should ideally be at a minimum of 15°C. | | | | |
| Application Methods | Method | Airless Spray | Conventional Spray | Brush | Roller |
| | | Yes | Yes | No | No |
| | <ul style="list-style-type: none"> Airless Spray: Output fluid pressure at tip 2200-2500 psi, Tip Size: 11-13 thou (0.28-0.33mm) Ensure the correct catalyst and mix ratio are used Suitable for spraying by conventional air spray when thinned with 1728 Thinner to 30-45 seconds BSB4 @ 25°C, but this will render the product non-compliant for VOC's | | | | |
| Product Notes | <ul style="list-style-type: none"> Contains isocyanates – refer to Safety Data Sheet Varying gloss levels can be batch manufactured to customer's requirements as follows: low gloss HS20 semi-gloss HS60 full gloss HS90 Can be used as a DTM primer/finish for moderate environments where longer term performance is not critical | | | | |
| 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 Axalta Coating Systems. | | | | |

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