

## ViterPrime 039 HS Primer/Finish

|   |   |                           |  |                             |              |
|---|---|---------------------------|--|-----------------------------|--------------|
| <b>Product Description</b>  | <b>A fast drying, high build alkyd zinc phosphate primer</b> , for airless spray in-shop application to blast cleaned structural steelwork.   |                           |  |                             |              |
| <b>Features &amp; Use</b>   | <ul style="list-style-type: none"> <li>For use as a primer or primer/finish for structural steelwork</li> <li>Formulated to meet the requirements of the SED solvent reduction scheme</li> <li>Excellent build properties and hold-up on edges</li> <li>Can be overcoated with ViterThane PLV and PLS two pack polyurethane finishes</li> <li>Can be used as a base coat for most thin film intumescent coatings</li> </ul> |                           |  |                             |              |
| <b>Approvals/ Certification</b>   | Please consult Axalta Coating Systems   |                           |  |                             |              |
| <b>Finish</b>   | Matt  |                           |  |                             |              |
| <b>Volume Solids</b>  | 62 ± 2% (may vary with colour)  |                           |  |                             |              |
| <b>VOC Content</b>  | 408 ± 20 g/litre (varies considerably with colour)  |                           |  |                             |              |
| <b>Film Thickness Range And Coverage</b>  |   | <b>Dry Film Thickness</b> | <b>Wet Film Thickness</b>                | <b>Theoretical Coverage</b> |              |
|   | <b>Minimum</b>  | 75 µm                     | 121 µm                                   | 8.3 m <sup>2</sup> /litre   |              |
|   | <b>Maximum</b>  | 150 µm                    | 242 µm                                   | 4.1 m <sup>2</sup> /litre   |              |
| Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated |   |                           |  |                             |              |
| <b>Drying Times</b>   | Applied to 75 microns DFT   |                           | <b>+10°C</b>                             | <b>+23°C</b>                | <b>+35°C</b> |
|   | <b>Dust Free</b>  |                           | 40 min                                   | 15 min                      | 10 min       |
|   | <b>Hard Dry</b>   |                           | 4 hr                                     | 3 hr                        | 1½ hr        |
|   | <b>Overcoating</b>  | Minimum                   | See Product Notes                        |                             |              |
|   |   | Maximum                   | Indefinite if surface is clean and sound |                             |              |
| Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation       |   |                           |  |                             |              |
| <b>Colours</b>  | Red Oxide (6039 001)<br>Caspian Grey (6039 004) BS 00A09<br>White (6039 002)<br>Other colours subject to batch requirements   |                           |  |                             |              |
| <b>Product Code</b>   | <b>6039</b>   |                           |  |                             |              |
| <b>SG</b>   | 1.58 kg/lit (may vary with colour)  |                           |  |                             |              |
| <b>Storage Conditions</b>   | Store in dry, cool conditions and protect from frost  |                           |  |                             |              |
| <b>Shelf Life</b>   | Minimum 12 months if stored as above in unopened containers   |                           |  |                             |              |
| <b>Flash Point</b>  | 23-60°C   |                           |  |                             |              |

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| <b>Surface Preparation</b>  | <ul style="list-style-type: none"> <li>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</li> <li>Blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns</li> </ul>  |               |                                       |       |        |        |               |                    |       |        |  |     |    |     |     |
|---|--|---------------|---------------------------------------|-------|--------|--------|---------------|--------------------|-------|--------|--|-----|----|-----|-----|
| <b>Mixing</b>   | <p>Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.</p>   |               |                                       |       |        |        |               |                    |       |        |  |     |    |     |     |
| <b>Thinner</b>  | 1006 Thinner   |               | <b>Equipment Cleaner</b> 1006 Thinner |       |        |        |               |                    |       |        |  |     |    |     |     |
| <b>Application Conditions</b>   | <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>   |               |                                       |       |        |        |               |                    |       |        |  |     |    |     |     |
| <b>Application Methods</b>  | <table border="1"> <thead> <tr> <th data-bbox="451 819 675 887">Method</th> <th data-bbox="675 819 922 887">Airless Spray</th> <th data-bbox="922 819 1169 887">Conventional Spray</th> <th data-bbox="1169 819 1337 887">Brush</th> <th data-bbox="1337 819 1489 887">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 887 675 943"></td> <td data-bbox="675 887 922 943">Yes</td> <td data-bbox="922 887 1169 943">No</td> <td data-bbox="1169 887 1337 943">Yes</td> <td data-bbox="1337 887 1489 943">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"> <li>Airless Spray: Output fluid pressure at tip 2500 psi minimum, Tip Size 17-19 thou (0.43-0.48 mm)</li> <li>Thinning of the coating is not recommended as this will reduce the build qualities</li> <li>Application by brush/roller will result in a reduced film thickness and is recommended only for small areas of touch up/remedial work</li> </ul> |  |               |                                       |       |        |        |               |                    |       |        |  |     |    |     |     |
| <b>Product Notes</b>  | <ul style="list-style-type: none"> <li>May be overcoated with itself or other products from the ViterLac, ViterChlor or ViterThane range</li> <li>When the primer has been applied to 75 microns DFT, allow a minimum of 4 hours at 23°C before overcoating with ViterLac intermediates/finishes or ViterThane PLS/PLV. Allow longer intervals if applying at lower temperatures and higher film builds</li> <li>In common with most alkyd primers, 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</li> </ul> |               |                                       |       |        |        |               |                    |       |        |  |     |    |     |     |
| <b>Health &amp; Safety</b>  | <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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