

## Corroless RF16

### High Build Reinforced Gloss Topcoat

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Code: 2004  
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|  |   |                           |                           |                             |              |
|--|---|---------------------------|---------------------------|-----------------------------|--------------|
| <b>Product Description</b>               | A single pack general purpose, glass reinforced high build alkyd topcoat  |                           |                           |                             |              |
| <b>Features &amp; Use</b>                | <ul style="list-style-type: none"> <li>• Contains glass flake for improved impermeability and abrasion resistance</li> <li>• High build – reduces application costs and saves time</li> <li>• Good application properties</li> <li>• Fast drying compared to other high build alkyds, to help reduce the possibility of dust contamination shortly after application</li> <li>• Applications include pipes, mechanical equipment, bridges, fire escapes, storage tank externals and structural steel</li> </ul> |                           |                           |                             |              |
| <b>Approvals/ Certification</b>          | <ul style="list-style-type: none"> <li>• Sold on track record and customer recommendation</li> </ul>  |                           |                           |                             |              |
| <b>Finish</b>                            | Gloss   |                           |                           |                             |              |
| <b>Volume Solids</b>                     | 42% ± 2%  |                           |                           |                             |              |
| <b>VOC Content</b>                       | 500 g/litre (average)   |                           |                           |                             |              |
| <b>Film Thickness Range And Coverage</b> |   | <b>Dry Film Thickness</b> | <b>Wet Film Thickness</b> | <b>Theoretical Coverage</b> |              |
|  | <b>Typical</b>  | 50 µm                     | 119 µm                    | 8.4 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 50 microns DFT   |                           | <b>+10°C</b>              | <b>+18°C</b>                | <b>+30°C</b> |
|  | <b>Dust Free</b>  |                           | 2 hr                      | 1½ hrs                      | 45 mins      |
|  | <b>Hard Dry</b>   |                           | 8 hr                      | 6 hr                        | 3 hr         |
|  | <b>Overcoating</b>  | Minimum                   | 24 hr                     | 16 hr                       | 10 hr        |
|  |   | Maximum                   | Indefinite                | Indefinite                  | Indefinite   |
|  | Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation   |                           |                           |                             |              |
| <b>Colours</b>                           | Available in a wide range of colours  |                           |                           |                             |              |
| <b>Mix Ratio</b>                         | Single Pack   |                           |                           |                             |              |
| <b>Pot Life</b>                          | Not applicable  |                           |                           |                             |              |
| <b>SG</b>                                | 0.9-1.1 depending on colour   |                           |                           |                             |              |
| <b>Storage Conditions</b>                | Store in dry, cool conditions and protect from frost  |                           |                           |                             |              |
| <b>Shelf Life</b>                        | Minimum 24 months if stored as above in unopened containers   |                           |                           |                             |              |
| <b>Flash Point</b>                       | 21-32°C   |                           |                           |                             |              |

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| <b>Surface Preparation</b>   | <ul style="list-style-type: none"> <li>If required due to obvious dirt/grease contamination or suspected salt or chemical contamination, clean all surfaces with a water-soluble degreaser, wash down with clean fresh water and allow to dry before application</li> <li>This is a finish coat and should be applied over a Corroless Primer</li> <li><b>Recommended Primers:</b> Corroless S, SHB, and QDR</li> </ul>  |                       |                    |       |        |        |               |                    |       |        |  |     |                       |     |     |
|--|--|-----------------------|--------------------|-------|--------|--------|---------------|--------------------|-------|--------|--|-----|-----------------------|-----|-----|
| <b>Mixing</b>  | Stir thoroughly before use   |                       |                    |       |        |        |               |                    |       |        |  |     |                       |     |     |
| <b>Thinner / Cleaner</b>   | Corroless Thinners No.3 (Spray) or No.2 (Brush). Solvent Gun Wash may be used for cleaning only  |                       |                    |       |        |        |               |                    |       |        |  |     |                       |     |     |
| <b>Application Conditions</b>  | 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.  |                       |                    |       |        |        |               |                    |       |        |  |     |                       |     |     |
| <b>Application Methods</b>   | <table border="1"> <thead> <tr> <th data-bbox="416 875 687 943">Method</th> <th data-bbox="692 875 935 943">Airless Spray</th> <th data-bbox="940 875 1182 943">Conventional Spray</th> <th data-bbox="1187 875 1334 943">Brush</th> <th data-bbox="1339 875 1469 943">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="416 949 687 1010"></td> <td data-bbox="692 949 935 1010">Yes</td> <td data-bbox="940 949 1182 1010">Yes-Thinning required</td> <td data-bbox="1187 949 1334 1010">Yes</td> <td data-bbox="1339 949 1469 1010">Yes</td> </tr> </tbody> </table> |                       |                    |       |        | Method | Airless Spray | Conventional Spray | Brush | Roller |  | Yes | Yes-Thinning required | Yes | Yes |
|  | Method   | Airless Spray         | Conventional Spray | Brush | Roller |        |               |                    |       |        |  |     |                       |     |     |
|  | Yes  | Yes-Thinning required | Yes                | Yes   |        |        |               |                    |       |        |  |     |                       |     |     |
| <ul style="list-style-type: none"> <li><b>Airless spray:</b> output fluid pressure 1800-2500 psi, tip size 11-19 thou Fan Angle 30-50°C. For detailed advice contact Corroless</li> <li><b>Conventional Spray:</b> An addition of up to 10% Corroless Thinners No.3 will be required</li> <li><b>Brush:</b> apply unthinned, lay on, do not over brush</li> <li><b>When rolling,</b> use a short nap lamb's wool roller and a maximum addition of 5% Corroless Thinners No.2. Lay off with a brush to complete the finish</li> </ul> |  |                       |                    |       |        |        |               |                    |       |        |  |     |                       |     |     |
| <b>Product Notes</b>   | <ul style="list-style-type: none"> <li><b>Application Temperature:</b> Range 5°C-30°C</li> <li><b>Stripe Coating:</b> Stripe coat all edges, nuts and bolts, welds etc.</li> <li><b>Overcoating:</b> Overcoat with itself. If overcoating time is exceeded and contamination has occurred, clean using a detergent solution/fresh water and allow to dry before continuing</li> <li>No maximum overcoat time, but if contamination has occurred, clean using a detergent solution/fresh water and allow to dry before continuing</li> </ul>                                  |                       |                    |       |        |        |               |                    |       |        |  |     |                       |     |     |
| <b>Health &amp; Safety</b>   | 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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