

Stokes HR Silicone Aluminium

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|--|---|---------------------------|---------------------------|-----------------------------|
| Product Description | A heat resistant, silicone resin based , aluminium finish. | | | |
| Features & Use | <ul style="list-style-type: none"> • Use for metal surfaces operating up to 600°C • Good resistance to water, dilute acids and alkalis • Excellent flexibility | | | |
| Approvals/ Certification | Please consult Axalta Coating Systems | | | |
| Finish | Lustrous silver | | | |
| Volume Solids | 9 ± 2% | | | |
| VOC Content | 785 ± 20 g/litre | | | |
| Film Thickness Range And Coverage | | Dry Film Thickness | Wet Film Thickness | Theoretical Coverage |
| | Typical | 15 µm | 166 µm | 6.0 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 15 microns DFT | +23°C | | |
| | Touch Dry | 1 - 2 hr | | |
| | Hard Dry/Overcoat | 2 hr | | |
| | Full cure | 1 hr @ 200°C | | |
| | Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation | | | |
| Colours | Silver | | | |
| Product Code | 20HRS-ALU | | | |
| SG | 0.94 kg/lt | | | |
| Storage Conditions | Store in dry, cool conditions and protect from frost | | | |
| Shelf Life | Minimum 6 months if stored as above in unopened containers | | | |
| Flash Point | 23-60°C | | | |

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| <p>Surface Preparation</p> | <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 Performance will depend on degree of surface preparation obtained It is recommended to blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns. Where blast cleaning is impractical the surface should be prepared to St2 (ISO 8501-1:2007) taking care to avoid 'polishing' the surface Do not apply over a primer or previous coatings | | | | | | | | | | | | | | |
|---|--|--------------------|--|--------------------|-------|--------|--|-----|-----|-----|-----|--|--|--|--|
| <p>Mixing</p> | <p>Mix thoroughly before and during use.</p> | | | | | | | | | | | | | | |
| <p>Thinner</p> | <p>No.7 Thinner</p> | | <p>Equipment Cleaner No.7 Thinner</p> | | | | | | | | | | | | |
| <p>Application Conditions</p> | <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> | | | | | | | | | | | | | | |
| <p>Application Methods</p> | <table border="1"> <thead> <tr> <th data-bbox="419 931 692 999">Method</th> <th data-bbox="692 931 938 999">Airless Spray</th> <th data-bbox="938 931 1185 999">Conventional Spray</th> <th data-bbox="1185 931 1339 999">Brush</th> <th data-bbox="1339 931 1495 999">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="419 999 692 1055"></td> <td data-bbox="692 999 938 1055">Yes</td> <td data-bbox="938 999 1185 1055">Yes</td> <td data-bbox="1185 999 1339 1055">Yes</td> <td data-bbox="1339 999 1495 1055">Yes</td> </tr> </tbody> </table> | Method | Airless Spray | Conventional Spray | Brush | Roller | | Yes | Yes | Yes | Yes | | | | |
| Method | Airless Spray | Conventional Spray | Brush | Roller | | | | | | | | | | | |
| | Yes | Yes | Yes | Yes | | | | | | | | | | | |
| <ul style="list-style-type: none"> Airless spray: do not overapply or blistering may occur on heating Conventional spray: thin as necessary | | | | | | | | | | | | | | | |
| <p>Product Notes</p> | <ul style="list-style-type: none"> For exterior use, 2 coats are recommended to a total dft of 25 microns Do not exceed 15um dft per coat or blistering may result on heating The coating needs to be fully cured before optimum protection is provided The aluminium flake may cause gassing in the can – take care when removing lid Apply at normal ambient temperatures (approx. 20°C), do not apply to surfaces at hot operating temperatures | | | | | | | | | | | | | | |
| <p>Health & Safety</p> | <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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