

## Containergard® LS Semi-Gloss

(formerly called 'Stokes Low Odour Semi-gloss LS')

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                               |                      |        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------|----------------------|--------|
| Product Description               | A one coat* anticorrosive alkyd primer/finish (semi-gloss) for steel containers and modular buildings, for brush or spray application.                                                                                                                                                                                                                                                                                                                                                             |                    |                               |                      |        |
| Features & Use                    | <ul style="list-style-type: none"><li>Designed for brush/roller or spray application</li><li>Contains zinc phosphate anticorrosive pigment</li><li>For use on the refurbishment of modular buildings, containers, industrial machinery, metal fabrications and a wide range of engineering items</li><li>Good resistance to most hot and cold lubricating and cutting oils when fully cured. Tests for suitability with any particular oil should be made before large scale application</li></ul> |                    |                               |                      |        |
| Approvals/ Certification          | Please consult Axalta Coating Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                               |                      |        |
| Finish                            | Semi-gloss                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                               |                      |        |
| Volume Solids                     | 47 ± 2% (varies with colour)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                               |                      |        |
| VOC Content                       | 422 ± 20 g/litre (varies with colour)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                               |                      |        |
| Film Thickness Range And Coverage |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dry Film Thickness | Wet Film Thickness            | Theoretical Coverage |        |
|                                   | Minimum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 50 µm              | 106 µm                        | 9.4 m²/litre         |        |
|                                   | Maximum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100 µm             | 212 µm                        | 4.7 m²/litre         |        |
|                                   | Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated                                                                                                                                                                                                                                                                                                                                                                  |                    |                               |                      |        |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                               |                      |        |
| Drying Times                      | Applied to 70 microns DFT                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    | +10°C                         | +23°C                | +35°C  |
|                                   | Dust Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    | 2 hr                          | 1 hr                 | 45 min |
|                                   | Hard Dry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    | 4 hr                          | 2 hr                 | 1½ hr  |
|                                   | Overcoating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Minimum            | 24 hr                         | 16 hr                | 12 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, RAL and shades to order                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                               |                      |        |
| Product Code                      | 20LOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                               |                      |        |
| SG                                | 1.19 kg/lit (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                       | 23-60°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>Ideally blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns</li> <li>Where blast cleaning is not practicable, degrease overall and prepare any rusted areas to St2 minimum (ISO 8501-1:2007) without 'polishing' the steel surface</li> </ul>                                                                                                                                                                                                                 |                      |                           |              |               |
| <b>Mixing</b>                 | Must be mixed thoroughly by using a mechanical agitator before use. Agitate periodically to ensure paint remains homogeneous.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                           |              |               |
| <b>Thinner / Cleaner</b>      | Axalta Thinner TH400 (formerly called No.3 Thinner)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                           |              |               |
| <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>    | <b>Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Airless Spray</b> | <b>Conventional Spray</b> | <b>Brush</b> | <b>Roller</b> |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes*                 | Yes*                      | Yes          | Yes           |
|                               | <ul style="list-style-type: none"> <li>Designed for application by brush or roller as supplied, for larger areas and smaller areas of touch up</li> <li>* For spray application, please consult Axalta Coating Systems for advice</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                           |              |               |
| <b>Product Notes</b>          | <ul style="list-style-type: none"> <li>Masking should be left until after overnight drying and use a low tack masking tape</li> <li>Best results for sanding are obtained after three days drying</li> <li>A minimum dry film thickness of 90µm is required to achieve optimum anticorrosive properties on unpainted mild steel. More than one coat by brush or roller is likely to be required to achieve this minimum dft</li> <li>*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</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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