

Rylard Rytex

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|---|---|---------------------------|--|-----------------------------|--------------|
| Product Description | A cost-effective, high performance bodied bitumen paint for the anticorrosive protection of the underwater hulls of canal boats. | | | | |
| Features & Use | <ul style="list-style-type: none"> • Single pack 'blacking' • Can be used to maintain coal tar epoxy coatings which are no longer available • Good abrasion resistance, flexibility and weather resistance • Easier application properties and longer life compared to normal bitumen paints • Gives protection against moisture ingress, in both fresh and saline water • Specially formulated for canal boats | | | | |
| Approvals/ Certification | Please consult Rylard Paints | | | | |
| Finish | Satin | | | | |
| Volume Solids | 47 ± 2% | | | | |
| VOC Content | 428 ± 20 g/litre | | | | |
| Film Thickness Range And Coverage | | Dry Film Thickness | Wet Film Thickness | Theoretical Coverage | |
| | Minimum | 75 µm | 160 µm | 6.3 m ² /litre | |
| | Maximum | 100 µm | 213 µm | 4.7 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 85 microns DFT | | +10°C | +20°C | +30°C |
| | Dust Free | | 1 hr | 30 min | 20 min |
| | Hard Dry | | 3 hr | 1 hr | 45 min |
| | Overcoating | Minimum | 24 hr | 16 hr | 12 hr |
| | | 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 | | | | | |
| Colours | Black | | | | |
| Product Code | 15RYT-BLA- | | | | |
| SG | 1.08 kg/lt | | | | |
| 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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| <p>Surface Preparation</p> | <ul style="list-style-type: none"> • New work: ideally blast clean to Sa2½ (ISO 8501-1:2007), surface profile 50-75 microns. Alternatively mechanically prepare to St2 (ISO 8501-1:2007) standard, taking care to avoid 'polishing' the steel surface • Refurbishment: pressure wash to remove all contamination. Prepare any bare metal areas by suitable means to minimum St2 (ISO 8501-1:2007) standard taking care to avoid 'polishing' the steel surface. Bare areas should be patch primed before full coating – see below. Sound existing two pack coatings (such as Epicol and Epimastic coal tar epoxy) should be sweep blasted or abraded to provide a key for fresh coats • All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts, weld flux or other contamination | | | | | | | | | | | | | | |
|--------------------------------------|---|--------------------|-------|--------|--|--------|---------------|--------------------|-------|--------|--|-----|----|-----|-----|
| <p>Mixing</p> | <p>Must be mixed thoroughly, preferably by using a mechanical agitator, before use. Agitate periodically to ensure paint remains homogeneous.</p> | | | | | | | | | | | | | | |
| <p>Thinner</p> | <p>No.3 Thinner Equipment Cleaner No.3 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" data-bbox="451 869 1489 996"> <thead> <tr> <th data-bbox="451 869 675 947">Method</th> <th data-bbox="675 869 922 947">Airless Spray</th> <th data-bbox="922 869 1169 947">Conventional Spray</th> <th data-bbox="1169 869 1345 947">Brush</th> <th data-bbox="1345 869 1489 947">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 947 675 996"></td> <td data-bbox="675 947 922 996" style="text-align: center;">Yes</td> <td data-bbox="922 947 1169 996" style="text-align: center;">No</td> <td data-bbox="1169 947 1345 996" style="text-align: center;">Yes</td> <td data-bbox="1345 947 1489 996" style="text-align: center;">Yes</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Airless Spray: output fluid pressure at tip 2000-2400 psi, Tip Size 15-19 thou (0.38-0.48 mm) • Brush and roller: multiple coats may be necessary as film build may not be achieved • Small amounts of No.3 Thinner may be required to ease application, depending on temperature and the method of application | | | | | Method | Airless Spray | Conventional Spray | Brush | Roller | | Yes | No | Yes | Yes |
| Method | Airless Spray | Conventional Spray | Brush | Roller | | | | | | | | | | | |
| | Yes | No | Yes | Yes | | | | | | | | | | | |
| <p>Product Notes</p> | <ul style="list-style-type: none"> • For new build, apply 2 or 3 coats at 85um per coat overall. Always apply 3 coats at the waterline • For refurbishment work, apply 2 coats at 85um per coat. Patch prime any bare metal areas and allow to dry before applying the first full coat • Launch time at 10°C: minimum 48 hours after applying final coat, depends on thickness applied, temperature and ventilation conditions. Consult Rylard Paints for advice • Can be used to topcoat previous coal tar epoxy coatings which are no longer available (such as Epicol and Epimastic). Rylard Standard Black should not be overcoated – full removal of the old coating is required • Can be overcoated (with itself) without abrading at any time if clean and sound • This is a bitumen-based coating, do not apply a tar-based coating (such as Coflex) over it at any time • Bitumen coatings will weather and fade on exposure to sunlight, this is normal and does not affect performance | | | | | | | | | | | | | | |
| <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 Rylard Paints.</p> | | | | | | | | | | | | | | |

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