

Corroless RF 35 WHITE

Two Pack Epoxy Tank Lining

Issue Date: June 2020
Code: L7RF35W
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Product Description	A two-component high build solvent-less epoxy coating.				
Features & Use	<ul style="list-style-type: none"> • Approved in conjunction with Corroless EPF for the interior of bulk fuel tanks • NOT suitable for contact with petrol • Good chemical resistance, withstands immersion in dilute solutions of non-oxidising acids, alkalis and salts. Consult Corroless for detailed advice • Withstands most greases and immersion in oil • Withstands immersion in aliphatic solvents and splashes of aromatic solvents • Glass reinforced for increased impermeability • Applications include fuel tanks, non-potable water tanks, pipes and fittings, cargo holds and ballast tanks, sewage works 				
Approvals	<ul style="list-style-type: none"> • Approved in conjunction with Corroless EPF for the interior of fuel tanks, including aviation • MIL-PRF-4556F • DEF STAN 80/97 • NATO STOCK Number 0442 8010 99 337 0778 				
Finish	Gloss (will chalk on exterior exposure)				
Volume Solids	96% ± 2%				
VOC Content	Base 42 g/litre Hardener 19 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Minimum	200 µm	208 µm	4.8 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 at 200 microns DFT	10°C	18°C	30°C	
	Dust Free	12 hrs	8 hrs	6 hrs	
	Hard Dry	24 hrs	16 hrs	12 hrs	
	Overcoating	Minimum	24 hrs	16 hrs	12 hrs
		Maximum	3 days	3 days	2 days
Drying and recoat times are related to the film thickness, temperature, the relative humidity of the air and ventilation					
Colours	Off White				
Mix Ratio	2:1 by volume (base to hardener)				
Pot Life	45 minutes at 18°C				
SG	1.33 ±0.05 kg/litre (mixed material)				
Storage Conditions	Store in dry, cool conditions and protect from frost				
Shelf Life	Minimum 24 months if stored as above in unopened containers				
Flash Point	23-60°C				

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Surface Preparation	<ul style="list-style-type: none"> All surfaces when coated should be firm, clean, dry and free from all oil, grease, salts and other contamination This is an intermediate or finish coat and should be applied over appropriate Corroless Primers Recommended Primer: Corroless EPF 														
Mixing	<p>Mix each component separately prior to thoroughly mixing together for 2 to 3 minutes at medium speed. Always use a mechanical agitator. Ensure product is used only in the proportions recommended</p>														
Thinner / Cleaner	<p>Corroless Thinners No 4. Solvent Gun wash can be used for cleaning only</p>														
Application Conditions	<p>High humidity will impair gloss. 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>														
Application Methods	<table border="1"> <thead> <tr> <th data-bbox="416 898 683 965">Method</th> <th data-bbox="683 898 935 965">Airless Spray</th> <th data-bbox="935 898 1179 965">Conventional Spray</th> <th data-bbox="1179 898 1334 965">Brush</th> <th data-bbox="1334 898 1471 965">Roller</th> </tr> </thead> <tbody> <tr> <td data-bbox="416 965 683 1021"></td> <td data-bbox="683 965 935 1021">Yes</td> <td data-bbox="935 965 1179 1021">No</td> <td data-bbox="1179 965 1334 1021">Yes</td> <td data-bbox="1334 965 1471 1021">Yes</td> </tr> </tbody> </table>				Method	Airless Spray	Conventional Spray	Brush	Roller		Yes	No	Yes	Yes	<ul style="list-style-type: none"> Airless spray: Plural component feed systems such as 'Graco Hydra-Cat' are recommended. Output fluid pressure 4000 psi, Tip Size 19 thou, Fan Angle 50°. For detailed advice contact Corroless Conventional Spray: Not recommended Brush: apply un-thinned, lay on, do not over brush
Method	Airless Spray	Conventional Spray	Brush	Roller											
	Yes	No	Yes	Yes											
Product Notes	<ul style="list-style-type: none"> Application Temperature: Range 8°C - 35°C Stripe Coating: Stripe coat all edges, nuts and bolts, welds etc. Overcoating: overcoat with itself. To overcoat with other Corroless products consult Corroless If overcoating time exceeds 24 hours and contamination has occurred, clean using a detergent solution/fresh water and allow to dry before continuing If maximum overcoating times are exceeded abrade the surface and wash down with fresh water to remove contamination and allow to dry before continuing 														
Health & Safety	<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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