Corroless RF 35 WHITE

Two Pack Epoxy Tank Lining

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Code: L7RF35W

Product Description	A two-component high build solvent-less epoxy coating.
Features & Use	• 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	• 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

Axalta Coating Systems, Huthwaite UK Ltd. Blackwell, Road Huthwaite, Nottinghamshire NG17 RG, United Kingdom

Telephone: +44 (0)1623 510 585

Web: www.spencercoatings.co.uk

E-Mail: info-huthwaite@axalta.com

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Surface Preparation	• 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	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
Thinner / Cleaner	Corroless Thinners No 4. Solvent Gun wash can be used for cleaning only
Application Conditions	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 3ºC above the dew point. Paint temperature should ideally be at a minimum of 15ºC.
Application Methods	**Method** / **Airless Spray** / **Conventional Spray** / **Brush** / **Roller** Yes / No / Yes / Yes • Airless spray: Plural component feed systems such as 'Graco Hydra-Cat' are recommended. Output fluid pressure 4000 psi, Tip Size 19 thou, Fan Angle 50º. For detailed advice contact Corroless • Conventional Spray: Not recommended • Brush: apply un-thinned, lay on, do not over brush
Product Notes	• Application Temperature: Range 8ºC - 35ºC • 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	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.