CORROLESS RF35 WHITE

TWO PACK EPOXY TANK LINING

DESCRIPTION

A two-component, high build, solvent-less epoxy coating, reinforced with self-leafing glass flake.

PRODUCT FEATURES AND RECOMMENDED USES

- Glass reinforced for increased impermeability.
- Nato Stock number 0442-8010-25-150-0973
- Approved in conjunction with Corroless EPF for the interior of bulk fuel tanks including aviation fuel. (MIL-PRF-4556F and DEF STAN 80/97).
- Applications include fuel tanks, non-potable water tanks, pipe linings, cargo holds, sewage works, etc.

TECHNICAL DATA

Volume Solids (±2%) 96%.

Volatile Organic Content **Base** 42 g/litre **Hardener** 19 g/litre

Specific Gravity 1.33 ± 0.05 kg/litre (mixed material).

Film Thickness **Wet Film** 208 microns. **Dry Film** 200 microns.

Theoretical Coverage 4.8 m²/litre at 200 microns dft. Practical coverage rate can vary depending on application method, temperature, profile and porosity of the substrate.

Application Airless spray, brush or roller.

Mixing Ratio 2:1 by volume (base to hardener).

Pot Life (at 18ºC) 45 minutes.

Drying Times
at recommended dft

	10ºC	18ºC
Dust Free	12 hours	8 hours
Hard Dry	30 hours	16 hours
Overcoating Minimum	30 hours	16 hours
Maximum	3 days	3 days

Coating should be left for a minimum of 7 days before filling with fuel & full cure confirmed.

Thinners and Cleaning solvent Thinning not recommended. Solvent Gun Wash may be used for cleaning only.

Finish Gloss.

Colour Off White

Storage Product has a shelf life of 2 years when stored in dry, cool conditions and protected from frost.

CORROLESS Corrosion Control, Worldwide Headquarters, Kelvin Way, WEST BROMWICH, West Midlands B70 7JZ,

Telephone: +44 (0)121 524 2235
Fax: +44 (0)121 553 2787
Web: www.corroless.com
e-mail: info-corroless@axaltacs.com

CORROLESS RF35 WHITE

TWO PACK EPOXY TANK LINING

APPLICATION DETAILS

Surface Preparation

All surfaces when coated should be firm, clean, dry and free from all oil, grease, and other contamination. This is a finish coat and should be applied over Corroless primers or intermediate coats.
Approved primer: Corroless EPF.

Application

Always follow the overcoating time for the primer.

Method	Airless Spray	Brush	Roller
Output Fluid Pressure	4000 psi	Yes	Yes
Tip size	19 thou		
Fan angle	50º		

Spraying

Airless spray - the use of a heater block set at 35-40ºC and a heavy duty pump such as a Graco King 63:1 is recommended. Plural component feed systems such as Hydracat may also be used. Further details available on request.

Brushing/Rollering

Apply unthinned. When brushing, lay on, do not over brush. When rollering, a short nap lambs wool roller is recommended followed by laying off with a brush.

Mixing

Mix each component separately prior to thoroughly mixing together for 2 to 3 minutes at medium speed. Over-mixing will create heat and reduce the working life. Always use a mechanical agitator. Ensure product is used only in the proportions recommended.

Stripe coating

Stripe coat all edges, nuts, bolts, welds etc.

Overcoating

Overcoatable with itself – for overcoating with other Corroless topcoats please consult Corroless. If overcoating time exceeds 24 hours and contamination has occurred, clean using a detergent solution/fresh water rinse 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.

Application Temperature

Range 8ºC - 25ºC.

Ambient Conditions

Only apply in conditions of good ventilation, which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3ºC above the dew point.

Flash Point

Greater than 55ºC.

Health and Safety

At all times observe precautionary notices on containers. Refer to Material Safety Data Sheets available from Corroless on request.