



## CORROLESS RF35 (2006)

### TWO PACK EPOXY TANK LINING

**DESCRIPTION** A, two-component, high build, solvent-less epoxy coating, reinforced with self-leaving glass flake

### PRODUCT FEATURES AND RECOMMENDED USES

- Used in conjunction with Corroless EPF to BS 6920:2000 for use in contact with potable water.
- Listed in the Water Fittings and Materials Directory.
- Glass reinforced for increased impermeability
- Applications include water tanks, pipe linings, cargo holds, sewage works, reservoir tunnels and shafts, etc.

### TECHNICAL DATA

**Volume Solids ( $\pm 2\%$ )**

96%

**Film Thickness**

**Wet Film:** 208 microns **Dry Film:** 200 microns

**Theoretical Coverage**

4.8 m<sup>2</sup>/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**

3:1 by volume (base to hardener)

**Pot Life (at 18°C)**

45 minutes

**DryingTime (at 18°C)**

	10°C	18°C	30°C
<b>Dust Free</b>	12 hours	8 hour	6 hours
<b>Hard Dry</b>	24 hours	16 hours	12 hours
<b>Overcoating Minimum.</b>	24 hours	16 hours	12 hours
<b>Maximum.</b>	3 days**	3 days**	2 days**

\*\* Note for solvent based products 7 days is acceptable but for solvent free products the maximums listed apply.

**Finish**

Gloss

**Colours**

Grey (approximately 18B21)

**Storage**

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

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### APPLICATION DETAILS

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

**Application:** Always follow the overcoating time.

Method	Airless Spray	Brush	Roller
Output fluid pressure	4000 psi	Yes	Yes
Tip size	19 thou		
Fan Angle	50°		

**Spraying** Airless Spray – At ambient temperatures the use of a heater block set at 35-40°C and a heavy duty pump such as a Graco King 63:1 King is recommended. Plural component feed systems such as Hydracat may also be used. Further details available on request.

**Brushing/Rolling** Apply un-thinned. When brushing, lay on, do not over brush. When rolling use a short nap lamb's wool roller is recommended.

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

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

**Application Temperature** Range 8°C - 35°C.

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

**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 wash and allow to dry before continuing. If maximum overcoat times are exceeded, abrade the surface to provide a key, wash down with fresh water and allow to dry.

**Flash Point** Greater than 55°C

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