

CORROLESS RF16 & RF16 (L)

HIGH BUILD REINFORCED GLOSS TOPCOAT

DESCRIPTION

A single pack general purpose, glass reinforced, high build alkyd topcoat. Certain shades may contain lead colourants and these are labelled RF16 (L).

PRODUCT FEATURES AND RECOMMENDED USES

- Contains glass flake for improved impermeability and abrasion resistance.
- High build – reduces application costs and saves time.
- Good application properties.
- Fast drying compared to other high build alkyds, to help reduce the possibility of dust contamination shortly after application.
- Applications include pipes, mechanical equipment, bridges, fire escapes,

TECHNICAL DATA

Volume Solids (±2%)

42%.

Volatile Organic Content

500 g/litre (average)

Specific Gravity

0.9 to 1.10 kg/litre depending on colour.

Film Thickness

Wet Film 119 to 179 microns. **Dry Film** 50 to 75 microns.

Theoretical Coverage

8.4 m²/litre at 50 microns dft. Practical coverage rate can vary depending on application method, temperature, profile and porosity of the substrate.

Mixing Ratio

Single pack.

Pot Life (at 18°C)

Not applicable.

Drying Times
at recommended dft

	10°C	18°C	30°C
Dust Free	2 hours	1½ hours	45 mins
Hard Dry	8 hours	6 hours	3 hours
Overcoating Minimum	24 hours	16 hours	10 hours
Maximum	Indefinite	Indefinite	Indefinite

Thinners and Cleaning Solvent

Corroless Thinners No.3 (spray) or No.2 (brush). (Solvent Gun Wash may be used for cleaning only).

Finish

Gloss.

Colours

Available in a wide range of colours.

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 all oil, grease, and other contamination.
This is a finish coat and should be applied over Corroless primers.
Recommended primers: Corroless S, SHB and QDR.

Application: Always follow the overcoating time for the selected primer.

Method	Airless Spray	Conventional Spray	Brush	Roller
Output Fluid Pressure	1800 - 2500psi	Yes – thinning required	Yes	Yes
Tip size	11-19 thou			
Fan angle	30-50°			

Spray For conventional spray an addition of up to 10% Corroless Thinners No.3 will be required.

Brushing/Rolling When brushing, apply unthinned, lay on, do not over brush. When rolling, an addition of up to 5% of Corroless Thinners No.2 may be needed. Brush application provides 50 to 60 microns dry.

Mixing Mix thoroughly before use.

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

Application Temperature Range 5°C - 30°C.

Ambient Conditions High humidity and condensation will impair gloss. 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 3°C above the dew point.

Overcoating Overcoatable with itself. If overcoating time exceeds 24 hours and contamination has occurred, clean using a detergent solution/fresh water rinse and allow to dry before continuing.

Flash point 21-32°C.

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

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