

# WCS24LF-26095R(Water Borne)

Technical Bulletin

The WCS24LF-26095R Red waterborne is a single component low friction coating developed with high engineered resin bonded with PTFE and ceramic filler.

## FEATURES

- Provide low coefficient of friction.
- Superior wear /abrasion resistance.
- Good Chemicals resistance
- Superior application through various spray systems

## USES

Ideal for industrial applications including Valve, Gaskets, Piston, scissors, and general machine components.

## PHYSICAL CHARACTERISTICS

**COLORS:** Solid

**RECOMMENDED DFT:** 1.0-2.0 mils

Density: 9.6±0.25 lbs./gal

**THEORETICAL COVERAGE AT 1 MIL DFT, NO LOSS:** 670.0 sq. ft.

**SOLIDS RANGE:** 50.88±1.0 % by weight

**VISCOSITY AT 77F (delivered):** 50-60KU.

## CLEANING AND PRETREATMENT

The most critical factor in any quality paint job is substrate surface preparation.

Inadequate surface preparation can result in premature coating failure.

Please consult your cleaning and pretreatment supplier for recommendations.

Substrates: 1. CRS- light grit-blasting or zinc phosphate pretreatment  
2. Aluminum: Chemical etch or light grit blasting

## DIRECTIONS FOR USE:

Prior to application paint containers should be thoroughly agitated.

The coating temperature should be between 65F-90F.

Viscosity reduction: if viscosity reduction needed, use water reducer- add per desired viscosity and application meet.

### Application and Bake:

DFT – 1. Apply multicoat to achieve desired dry film thickness- Flash off between coats are necessary (5'-10' at 200F-250F)

2. Full bake: 15'@450F for color and initial performances to meet

### Cured Film Properties:

Substrate: ACT B-1000, P99; Bake time and temperature: 15'@450F

Properties	Test method- Description	Test results
MEK double rub test	N/A	Pass- 50+
Pencil Hardness	ASTM D3363	2H-4H
Dry Tap Adhesion	ASTM D3359- Method B	5B
Water Immersion 96hrs	ASTM D870 Adhesion; Blisters	5B; 10 ASTMD714

### SHELF LIFE

Store unopened items in approved containers with proper labeling for up to two years.

Optimal storage temperature is approximately 77F.

### CLEAN UP

Clean equipment immediately after each use with water.

### SAFETY PRECAUTIONS

Please read all container labels and review Safety Data Sheets prior to use.



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