



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-S12

KEM AQUA® Strippable Coating

White F80W500
Clear F80V501

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>KEM AQUA® Strippable Coating is a fast drying, water based, peelable coating designed to keep spray booths cleaner, brighter and safer. Its strong cohesive properties permit easy stripping. Use as a temporary coating over a wide variety of metal and plastic substrates.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Reduce and cleanup with water – possible cost savings for solvent and insurance, reduced fire hazard, low odor and improved working conditions • Fast drying • White color improves brightness of work area. Clear coating protects clear spray booth light fixtures • Extremely low VOC • High volume solids - fast film build • Easy application - excellent sag resistance • Easy stripping or removal • May also be used to protect conveyors and hangers, etc. • Apply using conventional, airless, air assisted airless or HVLP spray methods • Free of lead hazards as packaged in compliance with Consumer Product Safety Commissions' (CPSC) 16CFR Chapter II: Subchapter B, part 1303 	<p>Gloss: Medium</p> <p>Volume Solids: 39-41 ± 2%</p> <p>Viscosity: 2000-3000 centipoise, Brookfield RVT, #4 Spindle, 20 RPM</p> <p>Recommended film thickness: Mils Wet 7.5 – 10.0 Mils Dry 3.0 - 4.0 May require two coats.</p> <p>Spreading Rate (no application loss) 148-230 sq. ft./gal @ 3.0 – 4.0 mils DFT</p> <p>Drying (77°F, 50% RH): To Handle: 60 minutes To use booth: 2-4 hours To pack coated parts: 24 hours This product dries primarily by water evaporation. Best drying occurs at 50% RH or lower, and temperatures of 77°F or higher. Good air movement is essential for complete drying.</p> <p>Flash Point: none, Seta Flash Closed Cup, ASTM D93 Method</p> <p>Package Life: 2 years, unopened</p> <p>Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum, less water 0.08 lb/gal, 9 g/L</p> <p>Volatile Organic Emissions as packaged, maximum 0.03 lb/gal, 3 g/L</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<p>General: Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, contamination, and old overspray to ensure optimum adhesion and good peeling properties.</p> <p>Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test this coating for adhesion and stripability prior to full-scale application.</p>

APPLICATION

Typical Setups

Conventional Spray:

Fluid tip055 - .070
Air Pressure..... 50-60 psi
Reduction.....0-10% by volume with water
Recommended viscosity..18-25 seconds #3 Zahn

Airless:

Fluid Tip013 - .015
Fluid Pressure 1500-2100 psi
Reduction none

Air Assisted Airless:

Fluid Tip013 - .015
Atomizing Air 15 – 30 psi
Fluid Pressure 800-1200 psi
Reduction 0 – 5% by volume with water

HVLP:

Fluid Tip055 - .070
Air Cap pressure 10 psi
Fluid Pressure 10 – 15 psi
Reduction.....0-10% by volume with water
Recommended viscosity.....18-25 seconds #3 Zahn

Cleanup:

Clean tools/equipment immediately after use with water and dry thoroughly. Flush equipment completely with water and follow with alcohol to remove water residue and prevent rusting. If coating has dried on application equipment, clean with a blend of ammonia and water (10% solution), followed by an 80:20 blend of water: isopropyl alcohol.

SPECIFICATIONS

Product Limitations:

- Protect from freezing - freezing of liquid coating will cause the product to gel or lose its film properties.
- Do not apply at temperatures below 50°F.
- For interior use only.
- Do not apply heat or bake this coating.
- Good cohesive properties and good stripping properties can be obtained by applying 7.5 mils wet (3.0 mils dry). Even better peeling properties can be achieved by applying additional coats.
- May be tinted with up to 2 ounces per gallon using Kem Aqua Colorants.
- The clear will appear milky when applied. It will dry clear.
- May be applied to painted parts but thorough testing must be done prior to full scale use.
- Test thoroughly before using over any plastic substrate prior to full scale use.

CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product.

A Material Safety Data Sheet is available from your local Sherwin-Williams facility.

Please direct any questions or comments to your local Sherwin-Williams facility.

Note: Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.