



**SHERWIN  
WILLIAMS**

# General Industrial Coatings

CC-S12

## KEM AQUA® Strippable Coating

Clear..... F80V501    White..... F80W500

### DESCRIPTION

**KEM AQUA® Strippable Coating** is a fast drying, water based, peelable coating designed to keep spray booths clean, bright and safe. Its strong cohesive properties permit easy stripping. Use as a temporary coating over a wide variety of metal and plastic substrates.

#### **Advantages:**

- Reduce and cleanup with water+. This may be a 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, hangers, etc.
- Apply using conventional, airless, air assisted airless or HVLP spray methods

\*To ensure optimal coating performance and stability, it is recommended to use deionized water for reduction.

\*VOC Compliance limits vary from state to state; please consult local Air Quality rules and regulations.

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at [www.PaintDocs.Com](http://www.PaintDocs.Com).

### CHARACTERISTICS

**60° Gloss:** Medium

**Volume Solids:** 41 ± 1%  
(varies by color)

**Viscosity:** 2,000-3,000 cps  
(Brookfield RVT, #4 spindle, 20 rpm)

**Recommended Film Thickness:**  
Mils Wet 7.5-10.0  
Mils Dry 3.0-4.0  
May require two coats.

**Spreading Rate** (no application loss):  
165-220 ft.<sup>2</sup>/gal. at 3.0-4.0 mils DFT

**Cure:** Air Dry

**Drying:** 1.0 mil at 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.

**Flash Point:** 499° F  
Seta Flash Closed Cup, ASTM D93

**Package Life:**  
F73B560, F73V561 2 years

**Air Quality Data:**  
Non-photochemically Reactive  
Volatile Organic Compounds (VOC)  
As packaged, less water and exempt solvents 0.08 lbs/gal, 9 g/L  
Emitted as packaged, maximum 0.03 lbs/gal, 3 g/L

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### SPECIFICATIONS

**General:** Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, contamination, and old overspray to ensure optimum adhesion and good peeling properties.

**Testing:** The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility, and performance prior to full scale application.

## Application

### Typical Setups

**May be applied by:** Conventional Spray  
Airless Spray  
Air Assisted Spray  
HVLP Spray

#### **Conventional Spray:**

Fluid Tip 0.055-0.070 in.  
Air Pressure 50-60 PSI  
Reduction 0-10% (vol.)  
Recommended Spray Viscosity  
18-25 secs., #3 Zahn cup.

#### **Airless Spray:**

Fluid Tip 0.013-0.015 in.  
Fluid Pressure 1,500-2,100 PSI  
Reduction None

#### **Air Assisted Airless Spray:**

Fluid Tip 0.013-0.015 in.  
Atomizing Air Pressure 15-30 psi  
Fluid Pressure 800-1,200 psi  
Reduction Rate 0-5% (vol.)

#### **HVLP Spray:**

Fluid Tip 0.055-0.070 in.  
Air Cap Pressure 10 psi  
Fluid Pressure 10-15 psi  
Reduction Rate 0-10% (vol.)  
Recommended Spray Viscosity  
18-25 secs., #3 Zahn cup.

**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.

Follow manufacturer's safety recommendations when using any solvent.

## ADDITIONAL INFORMATION

1. Protect from freezing. Freezing of liquid coating will cause the product to gel or lose its film properties.
2. Do not apply at temperatures below 50° F.
  - a. For interior use only.
3. Coating removal will be inhibited by high booth temperature. Avoid in service temperatures exceeding 100° F.
4. Good cohesive properties and good stripping properties can be obtained by applying 7.5 mils wet (3.0 mils dry).
5. Even better peeling properties can be achieved by applying additional coats.
6. May be tinted with up to 2 ounces per gallon using Kem Aqua Colorants.
7. The clear will appear milky when applied. It will dry clear.
8. May be applied to painted parts but thorough testing must be done prior to full scale use.
9. Test thoroughly before using over any plastic substrate prior to full scale use.

## CAUTIONS

### **FOR INDUSTRIAL SHOP APPLICATION ONLY**

**Thoroughly review the product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.**

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or [www.PaintDocs.Com](http://www.PaintDocs.Com).

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

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