



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-B22

Quick Dry 350 Enamel

Gloss Black F77B701
 Blending White F77W700
 Flat Black F77B702
 Gloss White F77W708
 Blending Clear F77T704

<u>PRODUCT DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SURFACE PREPARATION</u>
<p>Quick Dry 350 Enamel is a high gloss, fast air drying, VOC compliant* coating intended for industrial product finishing applications. Ideal for use on a wide range of metal products including industrial OEM, maintenance, and construction applications.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Available in a broad range of colors • Maximum VOC is 3.37 lb/gal • Free of MAK solvent odor • Fast air dry • Full Gloss • Good one coat protection, good flow and leveling • May be applied by conventional, airless, HVLP, and air-assisted airless spray • Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303. • Does not contain 1,1,1 Trichloroethane • Can be reduced with exempt solvents to improve application (see Application section) <p>*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.</p>	<p>Gloss (except Flat Black):</p> <p>Full, 80+ units</p> <p>Flat Black 0-10 units</p> <p>Volume Solids: 54 ± 2% varies by color</p> <p>Viscosity: 25-55 seconds #4 Ford Cup</p> <p>Recommended film thickness:</p> <p>Mils Wet 2.0 - 3.0 Mils Dry 1.0 - 1.5</p> <p>Spreading Rate (no application loss) 556-898 sq. ft./gal @ 1-1.5 mils dft</p> <p>Drying (1.5 mils dft, 77°F, 50% RH):</p> <p>To Touch: 15-30 minutes To Handle: 20-25 minutes Tack Free: 30-60 minutes To Recoat: 30-60 minutes To Pack: 20 hours Force Dry: 10 minutes at 180°F</p> <p>A critical recoat time may occur between 2 and 36 hours. This may fluctuate depending on film thickness and drying conditions. Test a small area first.</p> <p>Flash Point: 80°F, Pensky-Martens Closed Cup</p> <p>Package Life: 18 months, unopened</p> <p>Air Quality Data: Photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum 3.37 lb/gal, 404 g/L</p> <p>VOC per solid gallon is 6.67 lb maximum.</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, and any contamination to ensure optimum adhesion and coating performance properties. Consult Metal Preparation Brochure CC-T1 for additional details.</p> <p>Aluminum: If untreated, prime with Industrial Wash Primer, P60G2, or Kem Aqua® Wash Primer, E61G520. Over "pre-treated" aluminum, check adhesion before use as the proprietary pre-treatment may change from supplier to supplier which may have an effect on the final adhesion.</p> <p>Galvanized Steel: Prime with Industrial Wash Primer, P60G2, or Kem Aqua® Wash Primer, E61G520.</p> <p>Steel or Iron: Remove rust, mill scale, and oxidation products. For best results in corrosion protection, treat the surface with a proprietary surface chemical treatment of zinc or iron phosphate and/or prime using Kem-Flash® 500 Primer @ 1.25 - 1.50 mils DFT.</p> <p>Testing: Due to the wide variety of substrates, surface preparation methods, and application methods and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p>

APPLICATION

Typical Setup

Reduction: Ready-to-spray. If reduction is necessary, up to 5% acetone (exempt solvent) is recommended.

Reduce up to 3.5% by volume with Xylo or 100 Flash Naphtha to maintain 3.5 lb/gal VOC.

Maximum **wet** film thickness is 3.5 mils.

Conventional Spray:

Air Pressure 40-60 psi

Fluid Pressure 10-20 psi

Airless Spray:

Pressure 1800-2200 psi

Tip011" - .015"

Air Assisted Airless:

Air Pressure 30-60 psi

Fluid Pressure 1200-2100 psi

Tip011" - .015"

HVLP:

Atomizing Air Pressure at the Cap <10 psi

Fluid Pressure 10-20 psi

Cleanup:

Clean tools/equipment immediately after use with Hi Flash Naphtha 100

For HAPS compliant solvent clean-up, use n-butyl acetate, R6K18.

Follow manufacturer's safety recommendations when using any solvent.

Performance Tests

Substrate - 1.0 mil DFT on CRS Q-Panel

Salt Spray (ASTMB117) Passes 24-48 hours

Humidity Passes 144 hours

Pencil Hardness 3B

Direct Impact Resistance Passes 20 lbs

SPECIFICATIONS

Product Limitations:

- Surface to be finished must be free of grease, dirt, and other foreign matter.
- **Blend custom colors using Phoenix colorants.**
- Maximum wet film thickness per coat should not exceed 3.5 mils.
- Quick Dry 350 Enamel has limited exterior color and gloss retention and should not be used for coating products where extended gloss and color retention properties are expected.
- For improved corrosion resistance, use over Kem-Flash® 500 Primer. It is recommended to test with the customer's system.
- Product is non-polar and will not spray electrostatically.
- The addition of acetone will lower flash point.

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.

LABEL CAUTIONS

SEE CONTENTS STATEMENT ON LABEL.

Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately.

SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

SEE MATERIAL SAFETY DATA SHEET. 24344-051905.

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.