



**DESCRIPTION**

**MF2600** is a clear 2-component 100% solids epoxy coating. MF 2600 has a low odor and VOC compliant. The MF2600 meets environmental requirements. It is composed of 2 parts of resin and 1 part of activator. Resistant and durable, it can also be used in industrial, but also commercial and residential and institutional locations. It can also be used as a clear topcoat or to make decorative floors in metallic or with flakes as well as non-slip.

**APPLICATIONS**

- Residential-Kitchens
- Food
- Pharmaceutical - Hospital
- Car dealer
- Shops Showroom
- Commercial Bars Restaurant
- Institutional
- Detention center
- Hotel-Discotheque
- Industrial- Aeronautics

**ADVANTAGES**

- Very low odor
- LEED projects
- Shiny appearance
- Heavy traffic
- Chemical resistance
- Durable finish
- Available in clear or colored

**LIMITATIONS**

- Must be top coated if exterior application
- Not recommended for application at temperatures below 10°C / 50°F or above 30°C / 86°F
- Ambient humidity of the surroundings should not exceed 85% during application and during curing process
- Humidity of a concrete slab must be < 4%.
- High exposition to UV rays may occur a discoloration
- **Does not protect against high hydrostatic pressure**
- **Read RESTRICTIONS**

**TECHNICAL INFORMATION**

**FORMATS:**  
Kit of 3 gallons.

**RATIO:**  
Resin: 2 parts A / Activator: 1 part B

**SHELF LIFE:**  
1 year in sealed container

**ABRASION RESISTANCE:**  
Taber abraser CS-17 calibre wheel with 1000-gram total load and 1000 cycles = 50 mg loss

**Flexural Strength:**  
5500 psi, ASTM D638

**ADHESION:**  
>300 psi @ ASTM D4541 (Concrete failure)

**COMPRESSIVE STRENGTH:**  
10 500 psi, ASTM D695

**TENSILE STRENGTH:**  
6 500 psi @ ASTM D638

**VISCOSITY:**  
Resin: 1200-1400 cps/ Activator: 200-300 cps  
Mix :500-600 cps

**VOC < 100g/l**

**HARDNESS:**  
Shore D = 78-80

**CHARACTERISTICS**

**SOLIDS IN WEIGHT:** 100% (+/- 1%)

**COLOUR:**  
2600: Clear  
2653 Light Grey  
2672: Grey  
ORDERS: Tan, Light gray Dark gray, Black, White

**THICKNESS and COVERAGE:**  
1<sup>st</sup> Clear Coat: 200-300 sq. ft. / 3.78L (1 US gal.) @ 5-8 mils dft  
2<sup>nd</sup> Clear Coat: 133-200 sq. ft. / 3.78 L (1 US gal.) @ 8-12 mils dft

**APPLICATION TEMPERATURE**  
15°C – 21°C with HR below 85%

**DRYING TIME:**  
**(21°C / 70°F @ 50% HR)**  
Pot Life .....50 minutes  
Recoat time.....8-12 hours  
Tack Free..... 8-12 hours  
Light traffic..... 12-24 hours  
Full Cure .....7 days

**INSTRUCTIONS**

**STORAGE:**  
**MF2600** should be stored in dry place, at a temperature between 15 °C and 21 °C. Do not store near open flames. The shelf life of parts A and B is 12 months. The mixed Part A and Part B, 25-30 minutes pot life.

**MIXING**

**Clear version with added colorant**  
Add 2 Pods (2X500ml) per 3 gallons (US gal) kit ie 1 Pod per gallon of Part A colorant. Mix the components for about 1 minute. Mix each component separately for 2-3 minutes. Pour the 2 parts of component A into a container, then add 1 part of component B (mixture ratio 2: 1). Mix the components for at least 2-3 minutes using a low-speed drill (300-450 rpm) to reduce air entrapment and achieve a smooth mix.

**Metallic version**  
Gradually introduce the 6 ounces of metallic pigments in the 2 parts A only. Then mix for about 1 minute using a low-speed drill (150-200 rpm) to dissolve the dye.  
Once the mixture is homogeneous and has stood for about 1 hour or more, add part B and mix everything for 2-3 minutes. Use a low-speed drill (300-450 rpm) to reduce air entrapment and achieve a smooth mix.

**SURFACE PREPARATION**

Remove dust, dirt, grease by shot blasting (BLASTRAC) or any other approved method in order to obtain an ICRI-CSP 2 profile. Remove laitance, curing agents and sealers

The compressive strength of concrete should be at least 25 MPA (3635 PSI) after 28 days. The tensile strength should be at least 1.5 MPA (218 PSI). Watch out for condensation (up to 10 degrees dew point). All cracks, holes and irregularities should be repaired prior to coating application.



**RECOMMENDED PRIMERS**

MF2600 can be applied directly on a concrete as primer with a thin coat. Or use the MF015 water-based epoxy sealer. For floors with residual moisture should be primed with the vapor barrier MF1600, then top coated by the system selected

**APPLICATION**

**Clear for bare concrete**

Apply MF2600 clear at 5-8mils for the first coat and 8-12mils for the 2nd coat. Spread with a rubber squeegee. A 10mm roller could be used to achieve a uniform finish

**System with colorant Pods or premixed**

Apply 2 coats of colored MF2600 using a flat squeegee and roller. Apply at a thickness of 8 to 12 mils, for a spread rate of 133 to 200 / gallon.

For a satin finish and non-slip use the MF 359 or MF3600CL

**Metallic System**

MF2600 in metallic version is applied in two steps followed by an optional third coat of MF359 or MF3600CL

- + Apply one coat of colored MF2600 as a base coat. (**See All Available Colors**). The base coat should be touch dry (8-12 hours) before applying the metallic MF2600. Do not exceed 24 hours between coats, if more than 24 H the surface must be sanded and dust removed.
- + Apply metallic MF2600 using a flat or serrated squeegee. Apply at a thickness between 40 and 50 mils, for a spread rate of 32 to 40 ft<sup>2</sup> / gallon.
- + For a satin and non-slip finish use the MF3600CL.

**APPLICATION (next)**

**System with flakes**

- + Use a colored base coat of MF2600 followed by a full flake broadcast. Wait between 8-16 hours and clean the exceed flakes, scrap all the surface to remove weak flakes and /or with poor adhesion then add MF2600 clear if interior or MF3450 clear for interior / exterior application.

**PRECAUTIONS FOR USE**

Use the floor for light traffic until the coating is fully cured. It is highly recommended to keep the floor dries until the full cure. According to the system applied, the surface may be slippery, more if it is wet or contaminated; keep the surface clean and dry. **Lower temperatures will prolong ripening**

**CLEANING TOOLS**

Clean all tools and equipment with an epoxy cleaner / thinner. Wash hands and skin with soap and warm water. Once cured, the product can only be removed mechanically.

**CLEANING THE SURFACE**

Caution! Some cleaning products can affect the color of the coating system. Test for each cleaner on a small area, using the same cleaning technique that will be used for the rest of the area is recommended, If no change is noted, continue the rest of the surface

**DISPOSITION**

Allow the 2A + B mixture to harden and dry well before placing it

**Contact your municipality to dispose of containers and surpluses in an ecological way.**

**WARRANTY**

This product will give complete satisfaction if applied according to the manufacturer's instructions. In the event that it is found to be defective after inspection, the manufacturer's liability is limited to the replacement of the product and does not include labor during the application

**RESTRICTIONS: Warning!**

**MF Performance and MF Performance Plus products should not be combined in the same system or with equivalent products from other brands. MF Paints does not guarantee compatibility for any combination of other brand products. Any product change requires a compatibility test. It is your responsibility to check the compatibility of the products before using them. Using incompatible products may also void the warranty.**

**We strongly recommend that you read the operating instructions carefully before proceeding with the installation of the selected system. If in doubt, do not hesitate to contact your representative for advice**

**CAUTION**

Exposure during the curing period of the coating to by-products from propane combustion may cause discoloration. During application and curing period, propane forklifts and other propane vehicles or heaters should not be used in the area until the coating is fully cured, at least 72 hours.

**Before using any product, make sure the Material Safety Data Sheet is read and understood. Please contact your MF Paints Inc. representative at 1-800-363-8034 for more information**