TECHNICAL DATA SHEET

# MF 3600CL

**Polyurethane High-Performance Satin**

## DESCRIPTION

**MF 3600CL** is a clear coating with a satin finish, 3 components based on aliphatic polyurethane UV stable and chemicals resistance. The MF 3600CL meets the needs in the residential, commercial and industrial sector. Satin appearance, non-slip and easy to clean. High abrasion resistance and protects floors against marking

## APPLICATIONS

- Residential, balcony and garage
- Car dealer
- Shops, exhibition hall
- Commercial, bars and restaurant
- The institutions,
- Prison center
- Schools
- Hotel
- More...

## ADVANTAGES

- Low odor
- Chemical Resistance
- UV Resistant
- Abrasion Resistance
- Hot tires Resistance
- Anti slip
- Can be apply Inside or outside
- Can be applied on sealed concrete or as protection topcoat

## LIMITATIONS

- Do not apply on bare concrete
- Do not apply a thick layer
- Do not apply below 10°C
- Do not apply above 30°C
- Do not apply without the additive

## TECHNICAL INFORMATION

**FORMAT**
Kit of 1 gallon
**MIX RATIO**
Resin 4 part A / Activator: 1 part B/ Abrasive:1 part C
**SHELF LIFE:**
1 year in unopened containers
**ABRASION RESISTANCE**
(CS-171/1000CYCLES/1000G):
8.8 ASTM D4060
**VISCOSITY**
Resin + activator: 300-400 cps
**TENSILE STRENGTH**
≈ 7100 PSI @ ASTM D638
**STATIC FRICTION COEFFICIENT**
0.60 ASTM D4060
**TRACTION RESISTANCE**
6250 PSI, ASTM D2370
**ELONGATION**:
7, ASTM D2370

## CHARACTERISTICS

**TEMPERATURE OF APPLICATION**
Between 10°C and 30°C and HR< 85%
**COLOUR:** Clear/Amber/Satin
**COVERAGE**
500 sq. ft. / 3.78L (1 US gal.) @ 3.2 mils dft (81 microns
**DRY TIME: (21°C / 70°F @ 50% HR)**

| | |
|---|---|
| Pot Life | 120 minutes |
| Working Time | 30 minutes |
| Tack Free | 4-6 hours |
| Light traffic | 24 hours |
| Full Cure | 3 days |

## INSTRUCTIONS

### MIXING

Pre-mix each component separately for 2-3 minutes each. Open container of component A then add component B to it (mixing ratio 4:1 by volume). To obtain a satin finish, add bag of abrasive grit to the mixture. Mix the components for at least 2-3 minutes using a low-speed drill (300-450 rpm) to reduce air entrapment and to obtain a homogeneous mixture.

## SURFACE PREPARATION

Remove dust, dirt, grease. When this product is applied over an existing epoxy, ensure to adequately sand to achieve a dull finish. If previous coat has dried more than 24 hours, the surface must be mechanically sanded and the dust must be completely removed.

## APPLICATION

Apply one coat of MF3600CL using a roll to obtain a uniform coating (using a fine quality 10mm roller).

Can be applied directly over an epoxy coating such as MF 2600 if installed within 24 hours. Pour the mixed product into the application tank. Apply at a rate of one gallon per 500-600 square feet evenly with a 10mm (3/8") nap roller. For a uniform appearance, the product should not be applied in thick layers. Dip the roller into the product and remove the excess by rolling it in the application tray. Overlap the previous passes, making sure not to apply excess product. Make sure there is just enough product to cover evenly in a thin application. Finally, roll over the application in the opposite direction to even out the application. The final passage of the entire floor must be in the same direction. During application, mix the product in the application tank again to maintain a uniform mixture. If the appearance is not satisfactory, iron until the appearance is even. It is almost impossible to over-iron with the roller. The last step of the application (wearing studded soles) is to slide the roller without putting any pressure on it along the entire length in the same direction and repeat overlapping the previous pass until the roller has been ironed over the entire area. This

REVÊTEMENTS MF PERFORMANCE COATINGS

# MF 3600CL

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**High-Performance**
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## APPLICATION(Next)

process will remove all traces of overlap or roll. Maintain temperature and humidity within recommended levels during application and drying. Concrete should be coated with an appropriate epoxy coating and sanded (see 'surface preparation' above). It is best to keep a wet rim to avoid roller marks. Too high temperature and direct sunlight can cause visible roller marks. Too thick application may interfere with solvent evaporation and cause product failure. The surface must be dry before applying the product

## ANTI-SLIP ADDITIVE

This is an anti-slip system, if for a special request such as an entrance hall where higher coefficient of friction is required, add 1 lb to 2 lbs. of MF HWS (depending on the desired texture) and mix everything well. The HWS is available separately.

## PRECAUTIONS FOR USE

### STORAGE

MF 3600CL must be stored at room temperature before use. If stored for a long time, the temperature should be between 15 ° C - 32 ° C (60 ° F - 90 ° F). Too low or changing temperature may cause the product to crystallize

## MAINTENANCE

Wait until completely cure before cleaning. Lower temperatures will prolong ripening. Check with your representative for out-of-normal conditions. Some cleaning products can affect the color of the installed system. Perform a test for each cleaner on a small area,

## CLEANING TOOLS

Clean all tools and equipment with xylene. Wash hands and skin with soap and warm water. Once cured, the product can only be removed mechanically.

## DISPOSITION

Allow the A + B +C 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

## 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**