



ZeraGuard™ W-MF

Matt-Finish Waterborne Epoxy Floor Coating

DESCRIPTION

ZeraGuard™ W-MF is an odorless, two-part waterborne epoxy floor coating. It displays a unique balance of hardness, outstanding adhesion, and chemical resistance.

ZeraGuard™ W-MF contains a high level of fine-grade aluminum oxide to generate maximum scratch and abrasion resistance.

WHERE TO USE

ZeraGuard™ W-MF is recommended for a variety of interior light-medium duty floor applications including commercial floors, cafeterias, institutions, hospitals, theatres, garage floors, retail, bars, and light-traffic industrial warehouse.

BENEFITS

- Odorless; safe and non-toxic
- Fast drying; allows multiple applications per day
- Resistance to hot-tire pick up
- Excellent adhesion to concrete and epoxy coating
- Superior abrasion and scratch resistance
- An attractive matte finish
- Highly resistant to gasoline, salts, oil, water, caustic and light chemicals

HANDLING PROPERTIES @ 23°C (74°F)

Mix Ratio (by volume)	
Clear.....	3 Part A: 1 Part B
Grey	4 Part A: 1 Part B
Mixed Weight (Density)	
Grey	1.35 kg/litre (11.2 lb./US gal)
Pot Life	40 minutes
Re-coat Time	6 hours
Full Cure and Maximum Resistance.....	7 days

SURFACE PREPARATION

Although new concrete must be cured for a minimum of 28 days before applying any epoxy coating or primer, ZeraGuard™ W-MF can be applied as early as 7 days. The substrate must be above 120°C (54°F) and must be free of all dirt, waxes, previously applied coatings, oil, grease, laitance, and any foreign matter that may interfere with the bond of the primer to the prepared substrate. Cracks and surface defects should be repaired prior to the application of the primer. Concrete surfaces to be coated should be mechanically cleaned using planetary grinding machines or something similar in order to provide a clean tooth for the primer application.

MIXING

The mixing equipment used to mix the ZeraGuard™ W-MF must be a mud mixer or a ‘Jiffy Mixer’ on a slow-speed drill. The mixing equipment must be clean and free of any contaminants that may be present from previously used products. Mix component A first to eliminate the possibility of settlement.

APPLICATION

Pour a workable amount of the mixed coating into a paint tray and spread the material evenly with a roller. Using a lint-free 9 mm nap roller, apply the material to an even coat.

NOTE: YOU MUST HAVE GOOD AIR CIRCULATION TO ENSURE PROPER WATER RELEASE AND DRYING.

LIMITATIONS

- Waterborne epoxies should be applied at or above 10°C (50°F).
- The relative humidity must be below 80%. Good airflow with the use of large fans may be necessary to assist in the water release.
- It is recommended as a standalone coating for

outdoor applications.

- Very high humidity with poor air circulation would greatly slow water release and drying. This may lead to water entrapment, mud cracking, and poor adhesion.
- Do not apply a thick film of the primer as water may become trapped.
- It is always recommended to apply **ZeraGuard™** W-MF in a thin film to avoid roller marks.
- Do not apply to steel or polyurethane sealants.

COVERAGE

6.7 m²/litre (275 ft²/U.S. gallon)

PACKAGING

18.9 litre (5 U.S. gal.) units for Grey

CLEAN UP

Clean all equipment and installation tools immediately with water.

STORAGE

Store in a heated warehouse. Do not freeze.

SHELF LIFE

One year from the date of manufacture if kept in the original unopened containers under normal heated warehouse conditions.

SAFETY PRECAUTIONS

Consult Material Safety Data Sheet (MSDS) for specific instructions.

WARRANTY

“The recommendations made and the information herein is the result of accurate laboratory and field tests under controlled conditions. We guarantee that the quality and properties of the materials supplied conform to our standards. Zeraus Products Inc. makes no warranties, expressed or implied, as uses and applications are beyond our control. Zeraus Products Inc. shall not be liable for any injury, loss, or damage (direct or consequential) arising from use or inability to use the products. Before using, the user is urged to pre-test the products in his/her own environment to

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