



ZeraFerox™ W

High-Performance Waterborne Epoxy Coating

DESCRIPTION

ZeraFerox™ W is a high-performance fast-setting, two-component, waterborne epoxy coating. It is recommended for both floors and walls (concrete blocks and drywall).

The product is offered in clear and super white color. The latter can be used as a primer under 100% solids white epoxy such as ZeraDur 100 White to improve its hiding ability and cover up the floor imperfections.

WHERE TO USE

ZeraFerox™ W Clear is recommended for decorative application in conjunction with matt or satin finish waterborne urethane, ZeraTuf W-104. It can be used over flake-embedded decorative epoxy systems in garage floor applications due to its clarity, and hot-tire pick-up capability.

The white version is fully tintable with universal waterborne tints that founded in the paint stores. It can be used as a standalone in applications such as exterior stairs, porches, and walls.

BENEFITS

- Odorless; safe and non-toxic
- An attractive high-gloss finish
- Best UV resistance in its class (less yellowing)
- Resistance to hot-tire pick up
- Excellent dry and wet adhesion to concrete
- Long pot life with fast cure speed
- Wet on wet capability
- Breathable

HANDLING PROPERTIES @ 23°C (74°F)

Mix Ratio (by volume)

Clear.....2 Part A: 1 Part B

Grey2 Part A: 1 Part B

Solids (by volume)

Clear60%
White65%

Mixed Weight (Density).....

Clear1.07 kg/litre (8.9 lb./US gal)

White1.35 kg/litre (11.2 lb./US gal)

VOC Material (ASTM D 6886) 30 g/L

Pot Life..... 40 minutes

Re-coat Time 6 hours

Full Cure and Maximum Resistance7 days

SURFACE PREPARATION

Although new concrete must be cured for a minimum of 28 days before applying any epoxy coating or primer, **ZeraFerox™ W** 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 **ZeraFerox™ W** 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 **ZeraFerox™** W 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

3.79 liter (1 U.S. gal.) units for both
15.34 litre (4 U.S. gal.) units for Clear
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 determine the suitability of the products for their intended use, and the user assumes all risk and liability whatsoever in connection therewith.

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