



# ZeraKlear™ W

## Two- Component Clear Waterborne Epoxy Sealer

### DESCRIPTION

ZeraKlear™ W is a high-performance, waterborne clear epoxy coating. It is designed primarily as a primer/sealer over prepared concrete slab for interior applications. It may be used as a stand-alone or in conjunction with waterborne urethane coating such as ZeraTuf W-104.

ZeraKlear™ W is compatible with most high-performance finish coatings. With the addition of 2% colorant (based on Part A), ZeraKlear™ W can be used as a decorative transparent concrete stain. The product is also offered in low sheen finish.

### WHERE TO USE

ZeraKlear™ W is suitable for retail, shopping malls, offices, residential floors, showrooms, and hotel lobbies. It is also recommended for garage floors over flake-embedded decorative epoxy systems due to its clarity, and its resistance to hot-tire pick-up. It may be used over walls or floors calling for breathability.

### BENEFITS

- Odorless; safe and non-toxic
- An attractive glossy finish
- Ample working time; no induction period
- Best UV resistance in its class (less yellowing)
- Resistance to hot-tire pick up
- Excellent adhesion to dry concrete
- Breathable

### HANDLING PROPERTIES @ 23°C (74°F)

Mix Ratio (by volume) .....	2 Part A: 1 Part B
Solids (by volume).....	45%
Mixed Weight (Density)....	07 kg/litre (8.9 lb./US gal)
VOC Material (ASTM D 6886).....	30 g/L
Pot Life .....	40 minutes
Re-coat Time .....	12 hours
Full Cure and Maximum Resistance.....	7 days

### SURFACE PREPARATION

New concrete must be cured for a minimum of 28 days. The substrate must be above 15°C (59°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. Concrete surfaces to be coated should be mechanically cleaned using planetary grinding machines or something similar in order to provide a clean tooth for adhesion.

### MIXING

The mixing equipment used to mix the ZeraKlear™ 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.

### 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 15°C (59°F).
- A slight orange peel finish, which is typical with a thin film of waterborne epoxy.
- The relative humidity must be below 80%. Good airflow with the use of large fans may be necessary to assist in the water release.
- 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 and it may crack upon drying.
- It is always recommended to apply **ZeraKlear™ W** in a thin film to avoid roller marks.
- Not recommended for wet or damp surfaces
- Do not apply to steel or polyurethane sealants.
- Not recommended for low-temperature application

## **COVERAGE**

6.7 m<sup>2</sup>/litre (275 ft<sup>2</sup>/U.S. gallon)

## **PACKAGING**

3.79 liter (1 U.S. gal.) units

11.34 litre (3 U.S. gal.) units

## **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 the Safety Data Sheet (SDS) for specific instructions.

## **WARRANTY**

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