



ZeraBina™ W

High Performance Waterborne Polyurethane Coating

DESCRIPTION

ZeraBina™ W is a premium, odourless, single component waterborne aliphatic polyurethane coating. It displays a unique balance of hardness, flexibility, and chemical and abrasion resistance. It is offered in a variety of standard colour non-slip matte finishes.

WHERE TO USE

ZeraBina™ W is recommended for porches, balconies, decks, swimming pool decks, basement floors, cafeterias, theatre floors, retail, bars, casinos, walkways, etc. For concrete surfaces, it must be used in conjunction with an epoxy primer.

BENEFITS

- Odourless, safe and non-toxic
- Fast drying; allows multiple applications in a single day
- Tough and flexible with excellent impact resistance
- Outstanding UV resistance and colour fastness
- Excellent adhesion to epoxy primers or aged epoxy coatings
- Superior abrasion resistance
- Non-staining or yellowing
- Highly resistant to gasoline, salts, oil, water, caustic and light chemicals
- Breathable; yields film with good barrier properties if it is used with a waterborne epoxy primer

HANDLING PROPERTIES @ 23°C (74°F)

Application Temperature	12°C-30°C (54°F-86°F)
Density (coloured)	1.2 kg/litre (10 lb./US gal)
Thin Film Set Time (Re-coat Time)	3 hours
Foot Traffic	4-6 hours
Full Service	7 days

SURFACE PREPARATION

Over Epoxy Floors:

The epoxy floor receiving ZeraBina™ W must be clean, dry and free from contaminants. If the epoxy is aged, light sanding to roughen the surface is important to ensure good adhesion.

Over Concrete Floors:

The substrate must be free of all dirt, waxes, previously

applied coatings, oil, grease, laitance and any foreign matter that may interfere with the bonding of the primer to the prepared substrate. Cracks and surface defects should be repaired prior to the application of the primer. All concrete should be grinded or mechanically abraded (25 grit sand paper) or power washed to provide a clean tooth for the primer application. Always use an epoxy primer with ZeraBina™ W over concrete floors.

APPLICATION

It is recommended to apply two coats for most applications. Mix ZeraBina™ W thoroughly to obtain a uniform colour and to eliminate the possibility of settlement. Pour the working material onto a paint tray and apply using a lint-free 9mm nap roller evenly across the entire floor or wall. Two coats are recommended for optimal performance. Apply the second coat in the same manner as the first. Allow to cure thoroughly overnight for foot traffic.

LIMITATIONS

- Do not use a squeegee to apply a waterborne coating
- Not recommended for floors subject to vehicular or heavy warehouse traffic
- Not recommended directly over concrete
- Not recommended for garage floors
- Not resistant to hot tire pick up
- Avoid puddling or applying the coating in a thick film as it may cause shrinkage, cracking, and poor adhesion
- Clean the area from chemical spillage immediately with water to avoid staining and damaging
- If multiple coats are required, reapply within 24 hours; otherwise, light sanding is required to achieve good inter-coat adhesion

COVERAGE

A two-coat application (over the primer) is required in most applications.

Roller: 7.5 m²/L (300ft²/U.S. gallon) per coat

PACKAGING

3.79 litres (1 U.S. gal)

CLEAN UP

Clean all equipment with water.

STORAGE

Protect from freezing. Store under normal heated warehouse conditions.

SAFETY PRECAUTIONS

Consult Safety Data Sheet (SDS) for specific instructions.

SHELF LIFE

12 months from the date of manufacture when stored in original unopened containers under normal heated warehouse conditions.

Health Precautions:

○ Hazard Statements:

- Harmful if swallowed
- Causes skin irritation
- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects

○ Precautionary Statements:

1) Prevention:

- Avoid breathing dust/fume/gas/mist/vapours/spray
- Wash hands thoroughly after handling
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves/protective clothing/eye protective/face protection
- Keep away from children

2) Response:

- If skin irritation or rash occurs, seek medical advice/attention
- Take off contaminated clothing and wash before reuse

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

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