

ZeraClad™ W-35

Exterior UV Resistant Waterborne Urethane Coating

DESCRIPTION

ZeraClad™ W-35 is a premium, odourless, single component waterborne acrylic urethane coating. It displays a unique balance of hardness, flexibility, and abrasion resistance. It has outstanding UV resistance and colour fastness for both interior and exterior applications.

For additional non-slip, a 50 mesh non-slip additive (available upon request) can be added to the liquid ZeraClad™ W-35 and mixed before use.

ZeraClad™ W-35 must be used in conjunction with a waterborne primer (ZeraPrime W-130FS) or a high-solid solvent-based epoxy primer. For balcony or porch applications, the epoxy primer would include a non-slip additive of 20 mesh. For an enhanced non-slip finish, ZeraClad™ W-35 may also include a less coarse non-slip additive (50 mesh). However, this is optional.

WHERE TO USE

ZeraClad™ W-35 is recommended for porches, balconies, exterior ramps, halls and walkaways. 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 and aged epoxy coatings
- Superior abrasion resistance
- Non-staining or yellowing
- High strength and elongation
- Resistant to thermal shock and temperature variations
- Highly resistant to salts, oil, water, caustic and household chemicals
- Breathable; yields film with good barrier properties
- Offered in standard silver grey and a few custom colours

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).....	2-3 hours
Foot Traffic	6 hours
Full Service	7 days

SURFACE PREPARATION

Epoxy Priming:

ZeraPrime W130FS (or equivalent) is applied first on a clean well prepared concrete slab (according to industry standards). For outdoor exterior application, a non-slip finish is an important requirement. To achieve that, combine Parts A and B together and mix for one minute, then add a non-slip additive (provided) to the mixed material and mix for an additional one minute. Immediately apply the primer in a thin film application (250 sq ft per gallon) to achieve a uniform non-slip finish. Allow the primer to dry for 5 to 6 hours.

Urethane Topcoat Application:

Over a non-slip epoxy primer, it is optional to use non-slip with the topcoat depending on the level of non-slip needed. Mix ZeraClad™ W-35 thoroughly to obtain a uniform colour and to eliminate the possibility of settlement. If a non-slip topcoat is needed, add non-slip additive (50 mesh) and mix it well for another minute. Pour the working material onto a paint tray and apply evenly across the entire slab or floor using a lint-free 9mm short nap roller. Two coats are recommended for optimal performance, but may not be needed in most applications. Allow to cure thoroughly overnight for foot traffic.

COVERAGE

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

PACKAGING

11.34 litre (3 U.S. gal)

LIMITATIONS

- Do not use a squeegee to apply a waterborne coating
- Not recommended for floors subject to vehicular or heavy duty 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

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.

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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