



ZeraDite™ 82 NS

Semi-Flexible Exterior Non-Slip Epoxy Primer

DESCRIPTION

ZeraDite™ 82NS is a high solids two components urethane-modified epoxy primer. It is based on our unique hybrid epoxy urethane technology that combines the toughness and excellent adhesion properties of epoxy with the flexibility, impact resistance and thermal shock tolerance of polyurethane.

WHERE TO USE

ZeraDite™ 82NS is primarily designed to be used as an exterior non-slip primer for balcony decks, porches, stairs, etc. It is used in conjunction with ZeraClad™ W-35 (or ZeraBina) aliphatic waterborne urethane topcoat.

BENEFITS

- Excellent adhesion to concrete
- Resistant to impact, temperature variations.
- High solids, low odour, VOCs compliance
- Fast setting (6 hours cure)

HANDLING PROPERTIES @ 23°C (74°F)

Mixing Ratio, by volume	3 parts A: 1 part B
Viscosity (mixed)	800 cps
Solids Content	82%
Density (mixed)	1.14 kg/litre (9.5 lb./US gal)
Pot Life	20 minutes
Minimum Application Temperature	10°C (54°F)
Foot Traffic/ Re-coat	6 hours
Full Cure and Maximum Resistance	7 days
Color	silver grey

SURFACE PREPARATION

New concrete must be cured for a minimum of 28 days before applying ZeraDite™ 82NS. The substrate must be above 10°C (54°F) and must be dry, free of all dirt, previously applied coatings, oil and any foreign matter that may interfere with the bond of the primer to the substrate. The concrete floor must be mechanically abraded to ensure good adhesion.

APPLICATION

ZeraDite™ 82NS is applied at a coverage rate of 250 sq.ft. per U.S. gallon. The equipment used to mix the coating must be clean and free of any contaminants from previously used products.

- Combine Part A and Part B and mix for one minute; add the non-slip additive provided in the box and mix for another minute.
- Immediately pour some of the mixed material onto the edges of the prepared floor and spread the material evenly with a notch squeegee. Using a lint free 6 mm nap roller, back roll the applied material to provide an even coat.
- Allow to cure for 6 hours (until it forms enough to sustain foot traffic). Proceed with ZeraClad W-35 (or ZeraBina) application.

LIMITATIONS

- Do not hand-mix the product; mechanical mixing must be used.
- Do not use a squeegee alone to apply the coating; back-roll to ensure a uniform finish.
- ZeraDite™ 82NS/ ZeraClad W-35 applies as a thin coat and does not bridge post-application concrete cracks.
- Not recommended for floors subjected to heavy-duty traffic.
- Protect the coating from rain until it is dry (for at least 12 hours) @ 23°C (74°F).
- It will take a longer time to dry (cure) at lower temperatures or at high levels of humidity.
- Minimum surface temperature for curing is 10°C (54°F).

COVERAGE

250-300 ft²/U.S. gallon (4 mils), depending on the film thickness applied and porosity of the concrete.

PACKAGING

3.79 litre/ 1 U.S. gal. units

CLEAN UP

Clean all equipment and installation tools immediately with VOC compliant, low odor solvent, xylene.

STORAGE

Store in a heated warehouse. Do not freeze.

SHELF LIFE

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

SAFETY PRECAUTIONS

Read Safety Data Sheet (SDS) prior to use.

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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