

ZeraForte™ PS80

Clear Epoxy Fortified Wood Sealer & Primer



DESCRIPTION

ZeraForte™ PS80 is a two-component epoxy, high solids, penetrating fortified wood sealer. It penetrates deeply into the porosity of wood substrates, consolidating the wood fibers, increasing their strength, blocking out water and providing long lasting protection against any contact with chemicals and weather. ZeraForte™ PS80 is designed for new (but weathered) wood as well as for repairing and restoring old and damaged wood.

WHERE TO USE

ZeraForte™ PS80 is recommended as a wood sealer for variety of interior and exterior woodwork including: porches, stairs, docks, railings, shake shingles, walkways, ship repairs and a variety of other applications. It works in conjunction with ZeraBond™ wood Type 1 and Type 5 Elastic adhesive to restore and strengthen damaged wood without rotting, cracking, peeling off or chipping.

BENEFITS

- Ease of application; applied by brush or roller
- Low odour; VOC's compliance
- Toughness and durability of a structural epoxy sealer
- Flexible to accommodate the natural expansion and contraction of wood species
- Easy one to one mixing ratio; ample working time for ease of application
- Excellent adhesion to wood
- Outstanding water and moisture resistance
- Enhances the mechanical strength and cohesion of wood
- Resistant to rotting, rain, ice, oil, and petroleum

HANDLING PROPERTIES @ 23°C (74°F)

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| Mixing Ratio, by volume | 1 part A : 1 part B |
| Density (Mixed) | 1.03 kg/litre (8.6 lb./US gal) |
| Solids (by volume) | 80% |
| Pot Life @ 25°C (77°F) | 30 minutes |
| Re-coat time @ 25°C (77°F) | 12 hours |
| Full Cure and Maximum Resistance | 7 days |

RECOMMENDATIONS

Ensure the moisture content in the wood is as low as possible prior to proceeding with repairs. For exterior work, always apply during the day when it is sunny and dry to avoid moisture condensation. This will facilitate maximum penetration of ZeraForte™ PS80 and reduce the risk of continued or future infestation by fungus and insects. For new wood or pressure treated wood, allow it to weather for 3-6 months for the wood pores to open and adequately dry.

Do not use ZeraForte™ PS80 over painted or varnished surfaces. They must be stripped using commercial paint strippers, cleaned and sanded.

All materials around the decayed area should be removed. Use a scraper or wire brush to strip them away down to bare wood.

MIXING

Mix together equal parts of A and B of ZeraForte™ PS80 for 2 minutes (preferably with slow speed drill equipped with mixing blade). Mix well. No induction period is needed.

APPLICATION

- Make sure the wood is dry and clean.
- Remove the loose or completely deteriorated wood.
- Apply ZeraForte™ PS80 with a brush to full saturation.
- Allow it to dry and for the solvent to exit the wood completely (from 2 to 7 days) depending on humidity, temperature, air movement and the depth of the decay.
- Apply ZeraBond™ to fill all cracks and voids.
- After the adhesive fully dries (from 8 to 16 hours), sand it again before applying a coating or sealer.
- Note: If a small repair area is required, break down the package into smaller quantities and mix equal parts of A and B as little as needed for im-

mediate repair. We recommend using a solvent-resistant paintbrush.

LIMITATIONS

- **ZeraForte™ PS80** is not recommended for use if the wood is not dry or not weathered (green).
- It is not designed as a deck sealer; **ZeraForte™ PS80** is to be used for wood repair or protection not as decorative deck sealer.
- **It is not resistant to UV exposure.**
- Do not use if rain is forecasted during the application or within 16 hours of application.
- Avoid application in direct sunlight or in very hot and humid environments; use early in the morning or later in the afternoon.

COVERAGE

For an aged highly porous wood, the coverage is 150 square feet per gallon to achieve full saturation. For a smoother wood, the coverage is 250 sq.ft. per gallon.

PACKAGING

7.58 litre (2 U.S. gal.) unit
1.9 litre (2 U.S. quart.) unit

CLEAN UP

Clean all equipment and installation tools immediately with xylene or a low odour solvent such as ZeraSolv (a non-air pollutant solvent).

SAFETY PRECAUTION

Consult Safety Data Sheet (SDS) for specific instructions.

STORAGE

Store in a heated warehouse. Do not freeze.

SHELF LIFE

Three years from the date of manufacture if kept 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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