



ZeraPrime™ 98TD

Damp Surfaces Epoxy Concrete Primer

DESCRIPTION

ZeraPrime™ 98TD is an advanced, two-component urethane-modified concrete epoxy primer. It is specifically designed to be used over expanded slabs for indoor and outdoor applications due to its flexibility and outstanding adhesion to damp and dry concrete surfaces.

WHERE TO USE

- commercial parking garages
- roofing

BENEFITS

- Adheres firmly to damp and dry concrete
- Cures at as low of a temperature as 5°C (41°F)
- Excellent ability in sealing the concrete floor, minimizing or eliminating out-gassing
- Resistance to sudden temperature variations
- Cures under high humidity and adverse conditions with no blushing or exudation
- Excellent film appearance

HANDLING PROPERTIES @ 23°C (74°F)

Mixing Ratio, by volume	2 parts A: 1 part B
Viscosity (mixed)	600 cps
Solids Content	98%
Density (mixed)	1.09 kg/litre (9.06 lb./US gal)
Pot Life	30 minutes
Minimum Application Temperature	5°C (41°F)
Foot Traffic/ Re-coat	6-8 hours
Full Cure and Maximum Resistance	7 days
Color	Grey

DATA – Cured Film 7 days @ 23°C (74°F)/50% RH

Pull Out Tensile Adhesion (to concrete)	>500 psi (ASTM D4541).....(concrete failure)
Intercoat Adhesion (to itself)	>500 psi (ASTM D4541).....(concrete failure)

SURFACE PREPARATION

New concrete must be cured for a minimum of 7 days before

applying ZeraPrime™ 98TD. The substrate must be above 5°C (41°F) and must be dry or damp, free of all dirt, waxes, previously applied coatings, oil, grease, laitance and any foreign matter that may interfere with the bond of the coating to the substrate. The most effective way for the preparation of the floor is to use a shot-blasting technique, or another means of mechanical abrasion, to ensure a thorough and deep profile for adhesion.

APPLICATION

ZeraPrime™ 98TD should be applied at a coverage rate of 250 sq.ft. per U.S. gallon (6 mils dft). The mixing equipment used to mix the coating must be clean and free of any contaminants from previously used products.

- Premix component “A” of ZeraPrime™ 98TD first to eliminate the possibility of settlement. Pour all of the liquid from Part B into a Part A container.
- Mix thoroughly using a slow-speed drill equipped with a mixing blade for one minute until the colour is uniform.
- Immediately pour some of the mixed material onto the edges of the prepared floor and spread the material evenly with a flat squeegee (use a notched squeegee for the topcoat). Using a lint-free 6 mm nap roller, back-roll the applied material to provide an even coat. Care should be taken not to over-roll the material as air may become entrapped in the coating.

COVERAGE

250 ft²/U.S. gallon (6 mils dft), depending on the film thickness applied and porosity of the concrete.

PACKAGING

56.7L litre/ (15 U.S. gal.) units

CLEAN UP

Clean all equipment and installation tools immediately after use with xylene.

STORAGE

Store in a heated warehouse.

SHELF LIFE

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

SAFETY PRECAUTIONS

Read Material Safety Data Sheet (MSDS) 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 the 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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