

APPLICATION GUIDELINES FOR: **ZeraDur™ 99SC CLEAR** *Epoxy Garage Floor Coating*

DESCRIPTION

ZeraDur™ 99SC CLEAR is an attractive, 100% solids, two component clear epoxy garage floor coating. It is slow-curing coating that is ideal for “do it yourself” applications.

It is mainly designed to be used stand alone over prepared concrete floor, or over decorative coloured chips, flakes, multi-coloured quartz or any other decorative floors. It contains no nonyl phenol and has excellent resistance to yellowing for interior applications.

Handling Properties @ 23°C (74°F)

Mixing Ratio, by volume	2 parts A: 1 part B
Application Temperature	10°C- 30°C (50°F-86°F)
Thin Film Set Time	24 hours
Foot Traffic (re-coat)	24 hours
Vehicular/ Forklift Traffic	48 hours
Full Cure and Maximum Resistance	7 days

APPLICATION

If **ZeraDur™ 99SC CLEAR** to be used directly onto concrete floor, follow the same procedure described for ZeraDur coloured epoxy floor coating. If it is to be used over decorative epoxy floor follow the procedure outline below:

- If previous epoxy coating is well bonded, scuff sand the surface after cleaning to ensure a tight bond between the two coatings. Rinse thoroughly.
- The mixing equipment used to mix the coating must be clean and free of any contaminants that may be present in the equipment
- 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 color is uniform. If a non-slip finish is required, add the non-slip additive (provided inside the one

gallon kit) into the mixed material and disperse for at least another two minutes. Make sure to scrape the sides of the can into the coating and mix it well to prevent the formation of tacky (gummy) patches in the coating, which will never firmly dry.

- Add the “THINNER” provided in the kit to facilitate flow over the existing epoxy floor, and mix it together for 30 seconds with the slow drill.
- Immediately pour some of the mixed material onto the edges of prepared floor and spread the material evenly with a flat squeegee (and notch squeegee for 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.
- Allow the topcoat to cure thoroughly for 24 hours for foot traffic. It takes 7 days to achieve a full cure (full service). Keep water, cleaners and other liquid spillage away from the coating for at least one week.

Disclaimer: it is your own responsibility to determine the level and type of slip resistance that suits your specific needs. We recommend the use of additional slip-resistant aggregates in your floor if it will be exposed to wet, icy or oily conditions.

LIMITATIONS

- Do not apply **ZeraDur™ 99SC CLEAR** on tacky primer or basecoat; the coating must be dry and firm to walk on.
- Do not apply over poorly-bonded previous paint.
- Not recommended for exterior applications.
- Do not hand-mix the coating.
- Do not leave the mixed materials in the can for long time (particularly during the summer time) otherwise the coating will harden in the can.
- Do not subject the coating to water, cleaners or chemicals for 7 days after the application.
- The product has a slight “orange peel” finish if

applied in a thin film.

COVERAGE

200-225 ft²/U.S. gallon for topcoat, depending on the film thickness applied and porosity of the concrete.

PACKAGING

3.79 litre/ one U.S. gal. units

CLEAN UP

Clean all equipment and installation tools immediately with acetone or xylene.

SAFETY PRECAUTION

Consult the Material Safety Data Sheet (MSDS) for specific instructions.

MAINTENANCE

Please follow the following guidelines:

- 1.) Where possible use only warm water for floor cleaning. Do not use hot water or steam.
- 2.) If oils, grease or hydraulic fluids/emulsions are present, clean the floor using warm water containing a detergent such as ordinary powdered laundry detergent or a dish washing liquid soap.
- 3.) For spillage of battery acid or alcoholic beverage, dilute immediately with water and rinse it throughly.
- 4.) Avoid using any solvent, pine-sol type products or cleaning detergents containing water soluble solvents, as these compounds may dull the finish.

SAFETY PRECAUTIONS

PART A: COMBUSTIBLE. HARMFUL IF SWALLOWED OR INHALED. SKIN AND EYE IRRITANT.

PART B: CORROSIVE MATERIAL.

Keep container closed

Keep away from children

Use only with adequate ventilation

Wash thoroughly after handling

Avoid breathing vapours

Avoid contact with eyes, skin and clothing

Do not dispose down the drains

When handling product wear long sleeves, latex gloves and safety glasses (during mixing).

Emergency procedures:

INHALATION: In the case of overexposure, remove to fresh air. Get medical attention if the victim is in respiratory distress.

EYE CONTACT: Flush eyes immediately with large amounts of running water for at least 15 minutes while holding eyelids open until irritation subsides. Obtain medical attention immediately.

SKIN CONTACT: Wash immediately with plenty of soap and water. Remove and clean all contaminated clothing and laundry before reuse.

INGESTION: If swallowed, drink two glasses of water. Do not induce vomiting. Do not give anything to mouth to an unconscious person. Get prompt medical attention

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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