



ZeraPatch™ SL

Self-Levelling Epoxy Floor Patching Material

DESCRIPTION

ZeraPatch™ SL is fast setting, medium viscosity, 100% solids, two-component epoxy patching material. It is designed to repair eroded or severely damaged concrete floor prior to receiving high performance epoxy coatings. It has good leveling property when applied by notched or flat squeegee depending on the floor condition, and the thickness needed.

WHERE TO USE

ZeraPatch™ SL is suited for garage floors, warehouses, loading areas, storage facilities, workshops, stairs, etc.

HANDLING PROPERTIES @ 23°C (74°F)

Mixing Ratio, by volume	1 parts A: 1 part B
Viscosity (mixed)	3600 cps
Solids Content.....	100%
Density (mixed)	1.06 kg/litre (8.8 lb./US gal)
Pot Life.....	15 minutes
Minimum Application Temperature	10°C (54°F)
Foot Traffic/ Re-coat.....	6 hours
Full Cure and Maximum Resistance	7 days
Color	Dorian Grey

SURFACE PREPARATION

New concrete must be cured for a minimum of 7 days before applying ZeraPatch™ SL. The substrate must be above 10°C (54°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.

Removing Oil & Grease:

Pour a quality commercial de-greaser or Trisodium Phosphate (TSP) on the stain. Let the detergent sit for 45

minutes, then pour boiling water on the area and vigorously scrub the stain section with the broom. Conduct the “water test”. Mist water over the stain and if the water beads, repeat the same treatment again.

OFF-GASSING

The off-gassing is not a by-product of ZeraPatch™ SL but of the displacement of air in the concrete. It depends on the density/PSI (compressive strength of the concrete); the lower the psi and/or water added to the concrete during pouring, the more off-gassing in the concrete. If the concrete is spongy or very porous, it is recommended to apply this product thin and pull it tight to the surface with a flat squeegee.

APPLICATION

Due to the nature of the product, ZeraPatch™ SL is only applied by squeegee at a coverage rate of from 80 to 120 sq.ft. per U.S. gallon depending on the porosity of the concrete surface.

- Premix component “B” of ZeraPatch™ SL first to eliminate the possibility of settlement. Combine an equal volume of Part A and Part B.
- 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 notch squeegee if thicker finish is required). Spread the material to even surface
- Depending on the quality of the concrete floor needed to be repaired, large bubbles may be formed from outgassing. These volcano-like bubbles must be ground then filled with ZeraBonic 8M ultra-fast cure epoxy then sanded to smooth surface prior to the application of an epoxy primer or coating.

PACKAGING

7.58L litre/ (2 U.S. gal.) units
37.8L litre/ (10 U.S. gal.) units

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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