

ZeraKrete™

Epoxy Semi-Gel Patching Repair & Block Filler



DESCRIPTION

ZeraKrete™ is a 100% solids, two-component epoxy semi-gel patching and repair material formulated to smooth severely eroded concrete substrates. Applied with a flexible steel trowel, ZeraKrete™ is designed to fill holes, fine cracks, and surface imperfections prior to the application of high-performance epoxy coatings. **ZeraKrete™** can also be used as a block filler to fill voids and smooth the surface of concrete masonry units (CMUs) before the application of epoxy wall coatings.

WHERE TO USE

ZeraKrete™ N is recommended for garage floors, porches, industrial warehouses, stairs, mechanical rooms...etc. It is also ideal as a concrete block filler coating for smoothing walls in residential garages, commercial shower rooms, and warehouse facilities.

BENEFITS

- Zero VOCs, odourless, contain no solvents or hazardous materials
- Thixotropic, easy to apply to rough concrete floors or walls to smooth surfaces
- Excellent adhesion to concrete and concrete bricks
- Moisture insensitive, adhere to damp surfaces.

Handling Properties @ 23°C (74°F)

Mixing ratio, by volume	1 Parts A: 1 Part B
Solids	100%
Density (A & B).....	1.17 kg/litre (9.8 lb./US gal)
Pot-life (A & B)	30 minutes
Initial set.....	10 hours
Foot Traffic	12 hours
Full Cure	7 days
Color (mixed)	oyster grey

SURFACE PREPARATION

- New concrete must be cured for a minimum of 28 days before applying ZeraKrete .
- The substrate must be above 12°C (54°F) and must be 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.
- Concrete floors to be repaired should be mechanically abraded to provide a clean tooth for adhesion.

APPLICATION

Flooring:

Before grinding the floor (or after acid etching the floor), follow these instructions:

- Combine equal volumes of both Part A and Part B together and mix thoroughly for 2 minutes.
- Immediately pour the mixed material onto the edges of the eroded floor and spread evenly with a flat squeegee or flexible steel trowel to level the material evenly.
- Allow the floor to dry for a minimum of 8 hours. Grind or sand the floor to remove any squeegee or trowel line marks before applying an epoxy primer.

Concrete Block Wall:

- Combine Parts A and B as indicated above and use a triangular metal or flexible flat squeegee to spread and apply a very tight film pushing the materials into the voids to smooth the surface.
- Ensure that all ZeraKrete™ grout coating is dry before applying a topcoat of epoxy paint.

COVERAGE

150-200 sq. ft. per gallon depending on the roughness and porosity of the surfaces.

PACKAGING

7.5 L (2 U.S. gallon) units

CLEAN UP

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

SAFETY PRECAUTIONS

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

STORAGE

Store in a room-temperature warehouse

SHELF LIFE

Three years from the date of manufacture if kept in an original unopened container 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 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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