

ZeraKrete™

Epoxy Patching, leveling and Repair Material

DESCRIPTION

ZeraKrete™ is a 100% solids, two component, epoxy patching material to smooth and level severely eroded concrete substrate. Applied by a flexible steel trowel or flat squeegee, ZeraKrete™ is designed to fill holes and fine cracks and hide floor imperfections prior to applying high performance epoxy coatings or waterborne urethane paints.

WHERE TO USE

ZeraKrete™ 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.

BENEFITS

- Thixotropic (paint-like) 100 % solids; low odour, contains no solvents or hazardous materials
- Easy to apply to rough concrete floors or walls to smooth surfaces
- Excellent adhesion to concrete and concrete bricks
- Excellent impact and thermal shock resistance
- Convenient one to one mixing ratio for ease of application

Handling Properties (@ 23°C (74°F))

Resin & Hardener Only:

Mixing Ratio, by volume	1 parts A : 1 part B
Solids	100%
Density (A & B)	1.09 kg/litre (9.1 lb./US gal)
Pot Life (A & B)	15 minutes
Initial Set	4 hours
Foot Traffic	6 hours
Colour	Black
Full Cure	7 days

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 Application:

Before grinding the floor (or after acid etching the floor), follow this instruction:

- Combine equal volumes of both parts A and B of ZeraKrete™ into a clean container and mix thoroughly at slow speed with a Jiffy Mixer for 2 minutes. Move the stirrer up and down and around the sides until a homogeneous uniform mix is obtained.
- 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 4 hours. Grind or sand the floor to remove squeegee or trowel line marks before applying an epoxy topcoat.

Concrete Block Wall Application:

- 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 the ZeraKrete™ grout coating is dry before applying a topcoat of epoxy or polyurethane wall coating on it.

COVERAGE

1000 to 1200 sq. ft. per 37.8L (10 U.S. gal.) unit per coat.

The coverage varies greatly from floor to floor depending on the depth of concrete erosion to fill and the thickness required.

For concrete block, this coverage does not include filling concrete block joints.

PACKAGING

7.58 L (2 U.S. gallon) units

37.8 L (10 U.S. gallon) units **CG: commercial grade**

CLEAN UP

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

SAFETY PRECAUTION

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

STORAGE

Store in a heated warehouse. Do not freeze.

SHELF LIFE

Three years from the date of manufacture if kept in the 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 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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