ENECRETE® DuraQuartz™ is a three component, 100% solids, concrete repair compound specifically formulated and precisely engineered to provide solutions to even the most difficult concrete repair and protection problems. ENECRETE® DuraQuartz™ is extremely versatile. It can be mixed to any consistency - from a viscous liquid to a stiff mortar. DuraQuartz™ is not only for concrete; it will bond to marble, stone, slate, terrazzo, tiles, ...even metal!

- Concrete
- Marble
- Stone
- Slate
- Terrazzo
- Tiles
- Metal
- Wood

Before

After

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Using DuraQuartz™

Surface Preparation - ENECRETE® DuraQuartz™ should only be applied to clean, dry, firm and well roughened surfaces.

1. Remove all loose material and surface contamination.
2. Depending on the surface, solvent clean and/or remove contamination by abrasive blasting, steam cleaning, pressure washing, or other suitable means.
3. After removing all surface and sub-surface contamination, flush the area as necessary and allow to dry completely.
4. Mix and apply DuraQuartz™ Primer in accordance with the Instruction Sheet supplied with the material.

Note: In situations where adhesion is not desired, such as when making molds and patterns or to ease future disassembly, apply a suitable release agent (mold release compound, paste wax, etc.) to the appropriate surfaces.

Priming The Surface - ENECRETE® Primer is supplied in each DuraQuartz™ system. Pour the contents of the Primer Activator container into the Primer Base container and mix thoroughly. Apply the mixed Primer to the area to be coated with DuraQuartz™ using a brush or a roller. Use only enough Primer to "wet" the surface; do not flood or pool the Primer. All the Primer should be used within 20 minutes of mixing.

Overcoating with DuraQuartz™ should begin immediately after Priming and should be completed within two hours.

Mixing & Application - For your convenience, the ENECRETE® DuraQuartz™ Base, Activator and Aggregate have been supplied in precisely measured quantities to simplify mixing of full units. Should a small amount of material be required, measure out 5 parts Base and 2 parts Activator by volume (5:2, v/v) and add Aggregate until the desired consistency is achieved. To facilitate mixing of full units, a mechanical mixing device is strongly recommended. Combine the Base and Activator liquids in the large, precisely measured quantities to simplify mixing of full units. Should a small amount of material be required, measure out 5 parts Base and 2 parts Activator by volume (5:2, v/v) and add Aggregate until the desired consistency is achieved.

Apply the mixed DuraQuartz™ to the prepared and Primed surface using a trowel, putty knife, or other appropriate tool, pressing well to insure intimate contact and force out any air entrapped as a result of the mixing technique and/or device used.

Top Coating DuraQuartz™ with one of the ENECRECON coatings should be completed within 48 hours.

Health & Safety - Every effort is made to insure that ENECRETE® products are as simple and safe to use as possible. Normal industry standards and practices for housekeeping, cleanliness and personal protection should be observed. Please refer to the detailed MATERIAL SAFETY DATA SHEETS (MSDS) supplied with the material (also available on request) for more information.

Cleaning Equipment - Wipe excess material from tools immediately. Use acetone, MEK, isopropyl alcohol or similar solvent as needed.

Technical Support - The ENECRECON engineering team is always available to provide technical support and assistance. For guidance on difficult application procedures or for answers to simple questions, call your local ENECRECON Fluid Flow Systems Specialist or the ENECRECON Engineering Center.

All information contained herein is based on long term testing in our laboratories as well as practical field experience and is believed to be reliable and accurate. No condition or warranty is given covering the results from use of our products in any particular case, whether the purpose is disclosed or not, and we cannot accept liability if the desired results are not obtained.

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