

Don't let cracks, spalls, divots turn a great floor into an ugly floor.

Repair, Blend with sand and Polish in 15 minutes!



ROADWARE.US
MICRODOWELING

Use **Roadware 10 Minute Concrete Mender™** and sand to get just the right finish and color for your floor. By combining local varieties of sand with the Microdoweling™ polymers in Roadware 10 Minute Concrete Mender™ you can have a permanent repair that polishes beautifully and performs under all traffic conditions. Top manufacturers of concrete polishing equipment and systems recommend Roadware 10 Minute Concrete Mender™ for repairing surface defects prior to polishing. Repairs may be dyed, hardened, and sealed just like concrete.

MatchCrete™
Decorative and Polished Concrete Repair System.



Roadware MatchCrete Concrete Mender™ with sand on the left and with sand and Solomon brand color on the right.

Benefits:

- Repairs may be polished in 10 to 15 minutes.
- Repairs will not gum up, tear-out, or smear into the surrounding surface when polished.
- Use with a variety of sands to achieve different colors and textures.
- Microdoweling™ action gets in deep and repairs the concrete from the inside out.

Features:

- Twin cartridge pin-point application for small cracks and joints.
- Bulk bucket mix application for spalls and large area treatment.
- Cures in a wide temperature range from -20F to 100F.
- Worldwide network of trained distributors.
- Available in gray or natural white.

Uses:

- Repair cracks.
- Repair spalls.
- Fill divots, pop outs, and bolt holes.
- Fill spalled control joints.



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Repairing concrete prior to honing or polishing with Roadware MatchCrete Concrete Mender™.

1. Meet with the floor owner to determine the ultimate floor repair goal and desired outcome. In some situations it may be better to repair cracks and defects as they are. In other situations it may be better to open them up with a diamond blade. While no repair material can make cracks and defects disappear, with Concrete Mender™ you can make these areas much less noticeable.
2. Prepare floor cracks, joints, spalls, and pop-outs in accordance to standard application instructions. Deep repairs in heavy traffic areas should be repaired up to 1/2 inch (7mm) from the surface using standard Concrete Mender™ repair techniques.
3. Sand selection. By altering the sand used with Concrete Mender™, different color results can be achieved. Some experimentation may be required to get the desired result. Start with a dry concrete sand such as Quickcrete brand All Purpose Sand. Sift out any rock larger than the area you are repairing. Other types of sands such as silica sand, colored quartz, and flint may be used. Choose the best combination to match your floor. Any type of sand you use should be hard, free of dirt and organic material, and completely dry.
4. Color: Concrete Mender will cure to a medium gray (80300) or an natural off white (80301) color. Small amounts of powdered concrete colors such as Solomon Colors may be mixed in with the sand as needed. Experimentation to determine the best sand and color combination will be required to get the desired effect.
5. Mixing. Combine mixed Concrete Mender™ from a dual cartridge with the sand in a pail to form an approximate one part liquid to one part sand ratio. Mix quickly by hand with a paint stick. Work in batches of one pint (500ml) or less until you are comfortable with the material. The sand to liquid ratio can be varied depending on the type of sand used and the gradation. Finer sands will require more liquid. The resulting polymer mortar should have very little slump and a wet appearance.
6. Quickly apply the material directly to the prepared repair areas. Use a margin trowel to finish the repairs. Leave the repairs slightly higher than grade. The excess material will be honed off later.
7. Allow the repairs to fully cure for 15 - 30 minutes depending on the temperature and the size of the repair before honing or polishing.
8. Dying and staining: Concrete Mender™ when combined with sand will accept most dyes and stains. Be sure to open the surface of the repair by mechanical means before applying dyes or stains. This can be done by honing or polishing. Always experiment in a non-conspicuous area first to get desirable finish.
9. Repairing previously honed or polished floors: Select an appropriate sand combination and make the repairs as stated above. Use care not to stain the surrounding concrete with repair materials. Finish as normal.

Note: The techniques and procedures listed above are for informational use and are based on standard techniques developed by Roadware customers, distributors and contractors. They should not be construed as a specification for any specific application or use. It is up to the professional applicator to determine the ultimate appropriate use of the material.



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