



Installation Instructions

SURFACE PREPARATION

The surface must be clean, dry, sound, and in good repair. Remove loose material and repair defects before coating.

- **Laminate:** Wash and degrease thoroughly.
- **Wood or Concrete:** Clean thoroughly. Any previous coating must be sound and firmly bonded. Remove loose or failing material.
- **Tile Countertops:** Clean thoroughly, then apply one thin coat of DAICH ElastoLock® as an intermediate bonding coat. Once dry, skim coat and fill tile grout indentations with DAICH Rock Patch Filler and Leveler to create a smooth, even surface.

Protect Surrounding Areas

Mask cabinets, walls, fixtures, and adjoining surfaces. Protect floors with cardboard or a drop cloth. If coating around a sink or faucet, mask all edges carefully. For easiest installation and best access, slightly lift or remove the sink and faucet first, then reinstall them after the surface is complete.



STEP 1: PRIMER COAT

The Primer Coat prepares the surface for the stone layer.

- 1) Stir well before use.
- 2) Use the 1-inch brush for corners, edges, and tight areas.
- 3) Use the 4-inch roller to apply one thin, uniform coat over the countertop.
- 4) Touch up any thin or missed areas.

5) Let dry 1 to 2 hours before the next step.

STEP 2: STONE COAT

The Stone Coat builds the surface and creates the decorative stone look.

Mixing: Mix thoroughly from the bottom up until uniform.

Application: Apply 2 coats, 2 to 3 hours apart. Allow more drying time in cool or damp conditions.



COAT 1:

- 1) Use the 1-inch brush in corners, along edges, and around faucets or other tight areas. Brush the material on thin and flat in detailed areas.
- 2) Use the 4-inch roller to apply a flat, even coat about 1/16 inch thick over the countertop, backsplash, and edges.
- 3) Roll over the wet material a few times to even it out. The first coat will look rough. This is normal.



COAT 2:

- 1) Repeat the brush and roller application.
- 2) While the second coat is still wet, use the plastic smoother to flatten and level the surface.
- 3) Press firmly to spread the material and fill any textural low spots from the first coat. This step helps reduce sanding and improves overall smoothness.



STEP 3: SAND AND CONDITION

After the second Stone Coat has dried and cured for 24 hours, sand and condition the surface with **Stone Conditioner**.

- 1) Use the enclosed medium-grit sandpaper to remove roughness, bumps, and high spots.
- 2) Sand the flat surface by hand or with a random orbital sander.
- 3) Hand-sand the backsplash areas and front edges.
- 4) Vacuum thoroughly and wipe with a clean damp cloth to remove dust.
- 5) Roll one thin coat of Conditioner over the sanded, dust-free surface.
- 6) Let dry 2 to 3 hours before applying Epoxy Clear Coat.



****Feel the surface with your hand to ensure it is smooth. Lightly pass the hand-sanding pad over the area to remove any remaining protrusions. Then wipe down one last time with a damp cloth to remove any fine dust particles.**

STEP 4: APPLY COUNTERTOP EPOXY CLEAR COAT

This is a 2-part penetrating epoxy that hardens and smooths the stone surface.

Mixing

- 1) Keep the epoxy in a cool place before use for maximum working time.
- 2) Pour all of Part B into Part A. You can scrape the inside of the can to incorporate everything during mixing only. Not after.
- 3) Stir thoroughly for 3 full minutes.
- 4) Immediately pour the mixed epoxy into a clean paint tray.
- 5) Do not leave mixed epoxy in the can during use, as this will decrease available work time.
- 6) Apply completely within 30 minutes or less for best flow and workability.



Epoxy Application

The surface must be smooth, dust-free, and conditioned before epoxy application.

- 1) Use the 1-inch brush in corners, along edges, and in tight areas.
- 2) Use the 4-inch epoxy roller to coat the backsplash first (if present), blending out any pooled material at the bottom.
- 3) Apply uniformly across the flat surface so it settles into a smooth, wet layer. Lightly blend out visible lines or uneven areas, then allow the coating to level on its own. Do not overwork the epoxy or introduce excess air.
- 4) Coat the front edge thinly and evenly.
- 5) Check lower edges and remove hanging drips while wet, before they harden.
- 6) Once applied, let the epoxy cure 24 hours.

STEP 5: OPTIMA CLEAR PROTECTIVE FINISH

Optima Clear is the final step of the Optima Kit. It adds a stain-resistant, wear-resistant semi-gloss finish that shields the surface and keep it looking good long term.



Mixing: Stir gently and thoroughly. Do not shake.

Surface Preparation

- 1) Feel for raised nibs or small imperfections and spot-sand the dry epoxy coat where needed.
- 2) Lightly pass the hand sanding pad across the remaining epoxy surface.
- 3) Wipe with a wet lint-free cloth to ensure no dust remains.

4) Finish with a dry lint-free cloth.



Application

- 1) Pour Optima Clear into a clean paint tray.
- 2) Use the 1-inch brush for corners, edges, and tight areas.
- 3) Use the 4-inch roller to coat the backsplash and remaining flat surface.
- 4) Blend out any pooled material at the bottom of the backsplash.
- 5) Apply a uniform wet coat using light pressure to help avoid bubbles.

- 6) Lightly cross-roll for final smoothing and to remove any roller lines of wet material.
- 7) Let dry approximately 3 hours (longer if necessary).
- 8) Apply a second coat in the same manner.
- 9) Allow 24 hours to cure before light use.
- 8) Maintain lighter use for a few days after completion as the surface achieves full hardness.

FINAL FINISHING & CARE TIPS

- 1) The next day, use a utility knife to cut around sink and faucet edges before masking tape removal.
- 2) If needed, apply a bead of clear silicone caulking around the sink perimeter and faucet bases to help prevent water intrusion.



Cutting foods: Though your new surface is durable, use a cutting board for food prep.



Hot Objects: Your new surface is heat resistant. However, to be safe, use a trivet for added protection.



Maintenance: Wiping it clean after use with a damp cloth or gentle household cleaner to keep it looking great.

Need Help?

Call us any time for detailed support or to plan a new project. We are here to support you!

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Thank you for choosing DAICH Coatings!