

BOYCE & BEAN: *REAL METAL TILE* STANDARD INSTALLATION INSTRUCTIONS

1. **SETTING MATERIAL and TROWEL:** Install Real Metal Tile using a high-quality, polymer modified thin-set. We recommend a professional grade **1/4"x1/4" notched trowel**. We recommend the following products. Follow the mfr's instructions regarding use of their product.

Custom Bldg. Products: MegaLite Crack Prevention Mortar, white (BEST!)
Megaflex Crack Prevention Mortar, white
Premium Plus mixed with Custom Flex Ultra-Strength additive

To find a local distributor, contact Custom Building Products at 800-272-8786 or www.custombuildingproducts.com.

2. **SUBSURFACES and MOVEMENT JOINTS:** Proper installation of tile is dependent on proper installation of substrates and movement joints. We recommend using the Tile Council of North America's specifications concerning substrates, membranes and movement joints. Plywood cannot be used as a substrate. We recommend wire-reinforced mortar beds or cementitious board units (e.g. Wonder Board, Hardi Backer, etc.).

Tile Council of North America, www.tileusa.com

3. **TILE CUTTING:** A standard wet-saw with a diamond blade will cleanly cut Real Metal tile. However, once cut, the newly exposed metal must be lightly edge-sanded then spray coated with any standard clear lacquer appropriate for metal. ***Be sure to mask the face of the tile before applying the lacquer.***

4. **TILE SETTING:** Install Real Metal tile as you would any ceramic tile.

5. **GROUT:** We recommend Custom Building Products Polyblend Sanded Grout or polymer modified sanded grouts that are mixed according to the mfr's instructions. The sanded grout will not injure the integrity of the finish. This is an enormous advantage for installation. However, it will create minor surface abrasion, which can largely be erased with an application of ordinary floor wax. This is similar to the kind of abrasion and upkeep common with vinyl tile or linoleum. Follow the manufacturer's instructions regarding use of their product. A grout sealer should be used **BEFORE** applying wax.

6. **UP KEEP:** Real Metal is finished with a remarkably durable clear coat. When cleaning, use ammonia, soap and water applied with a sponge. Ammonia-based window cleaners, e.g., Windex™, may also be used. A mixture of household bleach, soap and water applied with a light-duty (NOT HEAVY DUTY) kitchen scrub sponge can be used occasionally, as long as the solution is not allowed to sit on the tile for an extended period of time. Harsh chemical cleaners will damage the top clear coat. Test one tile before cleaning an entire area to make sure that your solution is not so strong that it will damage the clear coat.

After cleaning, we recommend applying a coat of wax, which restores the original beauty of the product and offers additional protection. Any paste or liquid wax for use on vinyl or linoleum floors may be used. We recommend *Trewax™* Gold Label liquid Sealer Wax and *Trewax™* Clear Paste Wax. Both are available at hardware and home improvement stores. If you use a different brand, test it on one tile to make sure that you get a clear finish without damaging the tile. Always follow the manufacturer's instructions when using their product.

CLAIMS: *Our liability is limited solely to the replacement of our product and only after we have determined that the material is unsatisfactory and our investigation supports the claim as legally obligating. The Buyer is responsible for both inspection and acceptance of our materials prior to installation. The Buyer is also responsible for determining whether the product is appropriate for a particular installation. Use of the tile constitutes full acceptance. No adjustments will be made after the tile has been installed. We strongly recommend that the Buyer use the Tile Council of America's specifications pertaining to tile installation and preparation of substrates (see TCA Handbook for Ceramic Tile Installation).*