



NATIVE METAL INSTALLATION, USE & CARE

Thank you for your purchase of Native Metal metallic accents and decorative trim by Crossville. This product is permanently protected by proprietary technology. Due to the handcrafted nature of this artisan product, surface markings and natural color variations are inherent qualities.

MATERIAL INSPECTION

The owner or owner's representative is responsible for determining the acceptability of this product prior to installation. Each box should be opened and inspected upon delivery of the order. No adjustments will be made after installation.

PERMANENT PROTECTION

This product is protected by a permanent sealer that is water and stain resistant and features antimicrobial protection that inhibits the growth of stain and odor-causing mold and mildew. This coating is factory-applied and never needs re-sealing. For complete warranty information please visit:

<https://www.crossvilleinc.com/Resources/Library?categories=warranty>

APPLICATIONS

- FLOORS - Tiles are **NOT** recommended for floors.
- EXTERIOR: Tiles are **NOT** recommended for exterior applications.

- WET AREAS (**FOR WALL ONLY**) - Tiles may be installed in light commercial and residential vertical wet areas such as backsplashes, bathroom walls, and shower enclosures (including steam showers), but are **NOT** recommended in wet areas where pool chemicals are present (swimming pools, hot tubs, etc.)
- COUNTERTOPS: Tiles are **NOT** recommended for use as a surface for countertops.

SUBSTRATES

The performance of a properly installed tile application is dependent upon the durability and dimensional stability of the substrate to which it is bonded. Various substrate preparation methods are detailed in the Tile Council of North America's Handbook of Ceramic Tile Installation and are general in nature (www.tileusa.com).

INSTALLATION INSTRUCTIONS

Follow generally accepted good practices for installation of ceramic tile. Take careful note of following instructions specific to tiles cast in metal/resin.

HIGH TEMPERATURE INSTALLATION INSTRUCTIONS

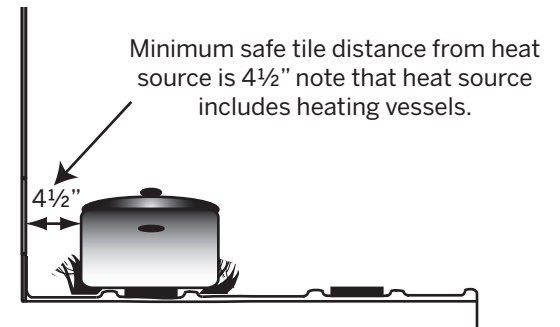
- Set tile with a water-cleanable epoxy mortar conforming to ANSI A118.3.
- Grout tile with a water-cleanable grouting epoxy conforming to ANSI A118.3.
- Follow setting and grouting instructions found in the installation instruction section of this document.

HIGH TEMPERATURE INSTALLATION

High temperature installations are those where tiled surfaces will be subject to temperature 130 °F (55 °C) or greater. Common applications include: certain kitchen cook tops, fireplace surrounds, and steam rooms. Follow the high-temperature installation instructions to ensure proper adhesion. *Important Note: Tiles are **NOT** recommended in areas where the tiled surface temperature will exceed 212 °F (100 °C). For example, do not install tiles as a heat shield behind a wood (or gas) stove.*

Behind Cook-Tops with out a Back Guard (or Back Mount Control Panel)

To ensure proper bond, maintain a minimum distance of 4 ½" between tiles surfaces and heat source. For the wall area directly behind and width 18" above the cooking surface, follow the high temperature installation instructions.



Steam Rooms

To ensure proper bond, follow the high temperature installation instructions.

Fireplace Surrounds

To ensure proper bond, maintain a minimum distance of 6" from the fireplace opening. When used above and projecting more than 1 ½" from a fireplace face, maintain a minimum clearance of 12" above the fireplace opening. Consult state and local building codes to determine if more clearance is required in your area. Follow the high temperature installation instructions.

TYPICAL INSTALLATION

STEP 1 - SETTING

SETTING MATERIALS

Use the following setting materials for proper adhesion:

- Thin-Set: A liquid latex (polymer) fortified premium thin-set Portland cement mortar conforming to ANSI A118.4.
- Epoxy: A water-cleanable epoxy mortar conforming to ANSI A118.3.
- Mastics & Adhesives: A Type 1 organic adhesive conforming to ANSI A136.1 (examples: latex mastic adhesive; acrylic latex adhesive).

Note: Setting materials are sold separately.

SETTING METHODS

- Follow adhesive manufacturer's instructions for preparation, mixing application, and clean up.
- Trowel a layer of adhesive on the back of each tile prior to placing on the combed adhesive bed to obtain 100% coverage.
- Do **NOT** hammer the shelf in place with the butt-end of the trowel.

STEP 2 - CUTTING

CUTTING INSTRUCTIONS & SAFETY

Be sure to wear appropriate eye protection and an approved dust respirator when cutting, grinding, or drilling tiles.

- The tiles are best cut or mitered with a diamond abrasive wet-saw.
- Tiles can be drilled with a high-speed drill or a hole saw.
- Tiles can also be cut or drilled with a rotary saw (example: Roto Zip, Dremel).
- Do **NOT** use tile cutters designed to score and break tiles.

STEP 3 - GROUTING

GROUTING MATERIALS

Use the following grouting materials for proper adhesion:

- Cement: A liquid latex (polymer) fortified premium thin-set Portland cement mortar conforming to ANSI A118.6.
- Epoxy: A water-cleanable grouting epoxy conforming to ANSI A118.3.

GROUTING METHODS

- Follow grout manufacturer's instructions for preparation, mixing application, and clean up.
- To help with cleanup, we recommend covering the tile surface with a high quality painter's tape.
- Clean-up residue as soon as possible after grouting. Grout that is allowed to harden may be difficult to remove.
- Do **NOT** use scouring pads, steel wool, sandpaper, or other abrasive implements to remove grout haze, or damage to the tile surface may result.

CARE & MAINTENANCE

- To clean, use any ordinary household cleaner. For best results, a liquid, non-abrasive cleaner is recommended.
- Liquid abrasive household cleaners should only be used after being tested in a small area to ensure no damage results.
- Do **NOT** clean with scouring pads, steel wool, or other abrasive implements.
- Cleaners containing ammonia, bleach or other harsh chemicals should be wiped up shortly after application to avoid surface damage.



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