

ILLUSIONS AND PATINA INSTALLATION INSTRUCTIONS

Prior to Installation

These instructions are provided as a general guideline for the installation of Island Stone Illusions and Patina Collections.

An experienced, professional tile installer, who has read and understands these instructions, should perform the work. All tile and natural stone products vary slightly in color, shade, finish, and size. Upon delivery, inspect the entire order to verify order accuracy and confirm the product meets expectations.

Illusions and Patina are painted back glass tile products which may have significant variation from piece to piece. Therefore, dry laying and blending the entire order either prior to or during installation is important in achieving a visually balanced tile installation.

The owner or owner's representative is responsible for determining the acceptability of the tile prior to installation as well as approving the first five square feet of installed tile before proceeding with the remainder of the installation.

**INSTALLATION CONSTITUTES ACCEPTANCE.
NO ADJUSTMENTS WILL BE MADE AFTER INSTALLATION.**

Substrate Preparation

Illusions and Patina should be installed in accordance with the specifications in the current versions of the Tile Council of North America's "TCNA Handbook for Ceramic, Glass, and Stone Tile Installation" and the "ANSI A108 American National Standards for the Installation of Ceramic Tile." The TCNA Handbook and ANSI A108 standards are available for purchase at www.tcnatile.com.

STOP! Do not install Illusions and Patina over single float mortar bed walls, mortar bed walls reinforced with metal lath less than 2.5 lbs per square yard, or any wood products.

When preparing the substrate (surface to which the tile will be bonded) the maximum allowable variation should not be more than 1/4" in 10 feet from the required plane when measured from the high points in the substrate.

Do not use setting material to build up the substrate unless otherwise specified by the installation material manufacturer. Setting material build-up may lead to tile cracking.

To receive an installation material warranty (system warranty), when possible, the waterproofing, setting material, grout, etc. should be from the same installation material manufacturer.

Crack Isolation/Waterproofing Membrane

When installing Illusions and Patina an ANSI A118.2 crack isolation membrane is required over the substrate.

Some examples are:

ARDEX 8+9
BOSTIK GoldPlus
CUSTOM RedGard
LATICRETE Hydro Ban
MAPEI Mapelastic CI
TEC HydraFlex

Setting Material

Illusions and Patina have a smooth, protective back paint, which requires a high bond strength setting material. One of the following adhesives, epoxies, or thin sets must be used.

ARDEX: WA Epoxy or X77
BOSTIK: Bosti-Set or EzPoxy EzClean
CUSTOM: EBM-Lite or MegaLite
LATICRETE: Latapoxy 300 or 254 Platinum
LITOKOL: Litoelastic EVO
MAPEI: Ultrabond ECO GPT, Kerapoxy 410 or Adesilex P10 mixed w/ Keraply
TEC: TotalFlex XMS or Super Flex

STOP! Do not use setting material to build up the substrate. This may lead to tile cracking.

Installation

- Tile products installed in interior wet applications require a minimum of 95% setting material coverage after the tile is pressed into the setting bed. Select a properly sized notch trowel to achieve coverage.
- When installing, flat trowel the substrate with setting material to initiate the bond. Add additional setting material and trowel with the proper size notch trowel in one direction, then flatten the troweled setting material with the flat edge of the trowel or similar tool to achieve a smooth setting bed.
- To initiate the bond of the setting material to the glass tile, flat trowel the back of the tile with a thin layer of setting material immediately prior to installation. The bond of the setting material and the performance of the installation is significantly decreased if this step is skipped and may lead to setting material bond loss.
- The minimum grout joint for Illusions and Patina is 1/16." Illusions and Patina should never be installed without a grout joint (touching).

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Grout

Illusions and Patina may be grouted with cement grout, high-performance cement grout, urethane, epoxy, or premixed grout that is recommended for use with a glass tile product.

Grout color selection, particularly with a glass tile, will have a significant impact on the finished appearance of the installation. Tile is usually grouted with a color that is similar or slightly lighter than the color of the tile. If a contrasting grout color is selected it may be beneficial to install and grout a sample board to confirm the result will meet your expectations.

Note: The back paint used for the following colors, Evening Onyx, Afterglow and Radiance contains a proprietary blend of metallic oxides. Prolonged exposure to ambient moisture may lead to slight discoloration of the metallic oxides used for these three colors. To reduce the possibility of discoloration, when installed on a tub enclosure wall, shower wall, or steam shower wall (intermittent wet locations), Evening Onyx, Afterglow, and Radiance must be grouted with either a urethane, epoxy, or premixed grout (grouts that do not absorb moisture).

Movement Joints

Glass tile expands and contracts more than other tile products, therefore, movement joints are essential for the success of glass tile installations. Follow the recommendations for *Movement Joints EJ171* in the current version of the "TCNA Handbook for Ceramic, Glass, and Stone Tile Installation."

Cutting

Illusions and Patina can be cut with a wet saw equipped with a quality diamond blade designed for cutting glass tile or score-and-snap glass cutting tools.

Some examples of quality blades for cutting glass tile are:

Alpha Professional Tools – Vetro

Husqvarna – Superlok Glass+

MK Diamond – MK 215GL or MK215 GL-XL

Montolit – CPV

Rodia – Glass Tile Blade

When using a wet saw, the keys to successfully cutting glass tile are cutting slowly, providing ample water flow, and regularly dressing the blade with a dressing stone.

WARNING: DO NOT DRY CUT TILE WITH A POWER TOOL.

Sealing & Maintenance

Illusions and Patina do not need to be sealed. However, if a cement grout is used, sealing the grout may be beneficial. Be sure to remove excess sealer from the surface of the glass tile, per the sealer manufacturer's directions, to prevent a sealer haze.

Illusions and Patina should be regularly cleaned with a pH neutral tile cleaner and a sponge, microfiber towel, nylon scrub brush or non-scratching nylon scrub pad (white/blue). For heavier buildup such as grease, oil, soap scum, etc. an alkaline based cleaner may be used.

Do not use acidic or heavily abrasive cleaners or products to clean Illusions or Patina.

Questions?

Call Island Stone Installation Support at **800-371-0001**.