

INFORMATION & GUIDELINES FOR THE INSTALLATION OF THE BYZANTINE COLLECTION

RECOMMENDED INSTALLATION

Take your chic, retro, punk rock look to the next level with Byzantine Metal mosaic tile. Fabricated in stainless steel and available in a selection of exquisite colors, each 12"x12" mosaic will literally reflect your style. These mesh mounted studded pyramids come in three colors, stainless, copper, and gold.

The Byzantine Collection is lightweight and does not oxidize, easily scratch or discolor. The tile hardness can be over 80RC, while the luster can last for more than 20 years. This collection is designed for almost any commercial and residential interior application, including floor accents, walls, ceilings, water features, backsplashes and more.

Installation of Byzantine tiles should be done by qualified technicians, especially when electrical work is being done around the metal mosaic. Byzantine mosaics are not recommended for high traffic floors, or any areas that may be subject to heavy impact, heavy abrasion, and areas where temperatures can exceed 130 degrees Fahrenheit.

CURVED SURFACES

The Byzantine Collection can be installed around gently curved surfaces.

SUBSTRATES

All substrates should be firmly fixed, flat, clean, dry and free of contaminants such as dust, oil, paint, sealers etc. to ensure proper adhesion. Painted surfaces must be scuffed or sanded for the product and adhesive to bond correctly. Wet areas need special attention and require appropriate substrates, e.g. concrete, cement boards (compressed sheet), and/or treated plywood. The use of reinforced waterproof membranes is suggested.

CUTTING

Cuts can be done with a wet saw equipped with a diamond blade suitable for cutting stainless steel. For certain applications cuts may not be necessary. Correct placement and arrangement of the mosaic can be used to avoid cuts altogether.

ADHESIVE

Follow the manufacturer's instructions carefully. SOLISTONE Commercial does not recommend one brand of adhesive over another. Please check with your local tile supply store for alternative and comparable products. The adhesive manufacturer's literature will explain if the adhesive product is suitable for interiors and/or exteriors, as well as walls and floors. Most thinset mortars (multi purpose and polymer modified thinsets) are adequate for installing the Byzantine mosaics.

A cement-based adhesive is generally suitable on masonry substrates where no movement is anticipated. Where slight movement could occur through thermal or pedestrian loads, a modified cement adhesive should be used as a minimum. A 1/8" notched trowel is recommended for most applications. To make sure there is 100% coverage, firmly press the tiles into place. Do not use any hard objects to tap down the center or edges of the metal tiles.

GROUTING

If the metal has a protective plastic covering over it, it is recommended this be peeled off prior to installation. Since Byzantine tiles are very sensitive to scratching, a modified non-sanded grout is recommended. For optimum results, we recommend the repetitive use of a firm sponge. Carefully float in the grout to avoid abrasion.

SEALANTS

Although stainless steel tiles do not require sealant, it is recommended that some type of sealant be used in order to protect grout joints.

CARE & CLEANING

Metal tiles must be regularly cleaned and maintained to extend their life and beauty. Most dirt and stains can be cleaned with a mild detergent and soft cloth or sponge. We recommend 3M Stainless Steel Cleaner and Polish. Fingerprints, streaks and watermarks can be removed with olive oil. When using stainless steel cleaner, avoid direct contact with grout as it may discolor. Do not use abrasive cleaners, powders, scouring pads, steel wool or sandpaper. Do not let soap, bleach or other cleaning solutions set on the surface.

For removing light scratches, we recommend a stainless steel polisher applied with a steel wool pad. Gently rub in a circular motion first, then wipe clean with a damp cloth.