

Precision Square Liners

Read before installing

The blue film on the finished face of the tile prevents scratching. Do not remove the film until you are ready to grout!

- 1. Cut the liners with a hacksaw.** Lubricate the saw blade with 3-in-1 Oil or WD-40. Use a miter box to keep your cuts straight. Remove any metal burrs with a light stroke of very fine sandpaper.
- 2. Keep the liners dry during installation.** If they get wet, dry them promptly.
- 3. Keep grout lines as thin as possible, preferably 1/16-inch or less.**
- 4. Use thinset adhesive. Do not use mastic.** Rough up the back of the tiles with coarse sandpaper to insure a strong bond.
- 5. When you are ready to grout, remove the blue film.** You will probably see some mild discoloration. Do not worry! The grout will act as a mild abrasive which will clean and slightly polish the brass.
- 6. Use unsanded grout.** If the installation absolutely requires grout lines wider than 1/8-inch, use sanded grout and apply with extreme care to avoid scratching the metal surface.
- 7. Grout release is not necessary.**

Please be aware...

Some variation in color is part of the beauty of living metal.

Cleaning

Avoid abrasive and acid-based cleaning agents.

To restore brass to its original brightness, you can clean it with a mild vinegar solution (1 part vinegar, 5 parts water).

To retard the natural patina on brass and minimize fingerprints, apply a very thin layer of Renaissance Microcrystalline Wax (readily available online).

When cleaning with vinegar or applying wax use a soft cloth and be careful not to rub the soiled cloth onto the grout.

Precision Matte Black Liners

Read before installing

Installing

1. **Keep the liners in their wrapping until you are ready to install them.** This will prevent scratching.
2. **Cut the liners with a hacksaw.** Lubricate the saw blade with 3-in-1 Oil or WD-40. Use a miter box to keep your cuts straight. Remove any metal burrs with a light stroke of very fine sandpaper.
3. **Keep grout lines as thin as possible, preferably 1/16-inch or less.**
4. **Use thinset adhesive. Do not use mastic.** Rough up the back of the tiles with coarse sandpaper to insure a strong bond.
5. **Use unsanded grout.** If the installation absolutely requires grout lines wider than 1/8-inch, use sanded grout and apply it with extreme care to avoid scratching the metal surface.
6. **Grout release is not necessary.**

Cleaning

Avoid abrasive and acid-based cleaning agents.

Floors use

Matte Black Precision may be used on light traffic floors such as residential bathrooms where shoes are not typically worn.

In such cases, install the liners slightly below the level of the surrounding stone or field tile.

Precision Dome Liners

Read before installing

Cutting

Cut Precision Dome Liners with a hacksaw. Lubricate the saw blade with 3-in-1 Oil or WD-40. Use a miter box to keep your cuts straight. Remove any metal burrs with a light stroke of very fine sandpaper or emery cloth.

Adhesive

Use thinset adhesive. To insure a good bond we recommend roughing up the back of the tiles with coarse sandpaper.

Grouting

Use sanded or unsanded grout, depending on the width of the grout line. Grout release is not necessary. When cleaning the grout off of the liners, use only light pressure to avoid scratching. Do not let grout dry on the liner surface – it will damage the finish.

Sealing

Sealing is not necessary. Precision Dome liners have a durable, waterproof finish. If sealer is used on the surrounding stone, do not let it pool or dry on the liners.

Floor recommendations

Precision Dome Liners may be used on light traffic floors, such as residential bathrooms where bare or stockinged feet are the norm.

No acid or abrasive cleaners

As with any polished metal surface, Precision Dome Liners should be protected from abrasive and acid-based cleaning agents.