

# Neelnox

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## INSTALLATION INSTRUCTIONS

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'Neelnox' Tiles are manufactured from Stainless Steel 304 Grade and have excellent abrasion, corrosion and oxidation resistance. These mosaics can be used in wet areas such as showers or Backsplashes. Laying/installing the sheets requires good workmanship & extra care. The tile sheets are resin mounted and mesh backed.

### How to begin

Determine the pattern of tiles for your backsplash. It is best to eliminate as much tile cutting as possible. Dry fit a row of tiles in each direction to verify that you are pleased with the pattern's appearance.

### Surface preparation

The surface to be tiled must be dry, smooth, solid and clean. Apply a very thin layer of adhesive on the surface where the mosaics are to be installed.

### Laying method

Neelnox recommends the use of 'Laticrete' product LATAPOXY<sup>®</sup> 300 adhesive or an equally comparable Epoxy Adhesive for installing metal tiles. The setting time is 24 hours. Please follow instructions on packaging for mixing of product.

Apply the mosaic sheet and press the tile sheet firmly onto the bed of adhesive so the whole back of the tile is in good contact with the adhesive, eliminating all voids. If the adhesive is mixed correctly it will hold the sheets in place. The tiles must be simultaneously cleaned with a wet soft cloth wiped over the surface to assist in removal of all excesses. Lacquer Thinner and a soft cloth or Paper Towel can be used to wipe all stains & excesses.

### Cutting

Stainless Steel Mosaic can be simply cut with any continuous-segmented Diamond Blade or Diamond Wire wet-saw tile cutter or an Angle Grinder with an appropriate metal cutting blade. Use a metal file or sandpaper to smooth the cut edges. Install the cut tiles in the same manner as the whole tiles.

### Grouting

Grouting should begin after the adhesive has set. **The textured mosaics should be pre-sealed with an oil based sealant(or a suitable oil) before grouting.** This aids in removal of excess grout from the surface. Failure to pre-seal will result in a grout haze which cannot be removed. We recommend LATICRETE<sup>®</sup> Permacolor or LATICRETE<sup>®</sup> Unsanded Grout 1600 series in your choice of color(black has been observed to give the best aesthetic effect) for grouting or an equivalent Epoxy Grout. **Spread the grout mixture across the tile surface with a rubber float. Do not use metal trowel.** Metal trowel will scratch the mosaics. Compact the grout firmly into the joints. Remove surplus grout from the surface of the tiles as much as possible with damp (not wet) sponge or soft cloth. It is very important to use a minimum amount of water during cleaning. Allow grout to firm in the joint. You can use sealers to seal the grout. We recommend aquamix for sealing grout.

### Maintenance:

For cleaning we suggest **3M Stainless Steel Cleaners** or a damp soft cloth, soapy water and sponge if required. Do not use acid or corrosive solutions.