

PORCELAIN POOL TILE INSTALLATION QUICK REFERENCE GUIDE



CURING TIMES

Cure times are based on industry standards, manufacturer's directions and average climatic conditions. Manufacturer's directions will vary and should always be followed. Exterior tile installment must be protected during installation and curing from sunlight, excessive heat, wind, rain and freezing temperatures.

MOVEMENT JOINTS

Install movement provisions according to the current edition of the "TCNA Handbook for Ceramic, Glass & Stone Tile Installation" method EJ171. A flexible sealant, recommended for submerged applications, is required between the tile and all restraining abutments (i.e. the decking/coping), at all inside corners and directly over any joints in the concrete tank. For \ porcelain or ceramic installations, in-field movement joints are required at a maximum spacing of 12' on center.

MAINTENANCE

Proper care and maintenance is crucial to the long-term appearance and performance of pools and water features. The following information outlines recommended products and techniques for the maintenance of most pool and exterior tile and is general in nature. For detailed water balance and maintenance information refer to the Artistry in Mosaics "Porcelain Pool Tile Maintenance Guide".

GENERAL CLEANING AND CALCIUM REMOVAL

To remove waterline scum and grime, apply All Purpose Cleaner & De-greaser to the tile surface and scrub with a nylon bristle scrub brush or a 3M white or blue nylon scrub pad. To remove mineral scale and calcium deposits, apply a calcium releaser to the tile surface and scrub with a nylon bristle scrub brush or a 3M white or blue nylon scrub pad. Do not use abrasive or acidic cleaners.

WARNING

Certain acids will damage porcelain tile glaze. Care should be taken to protect tile surfaces when using acids in the pool finishing process and when adding acid to the pool water. **DO NOT** allow products that contain hydrofluoric, hydrochloric, muriatic or phosphoric acid to come in direct contact with the tile. In the case of accidental contact, neutralize immediately with baking soda and water (1 lb: 3 gallons).

This information is provided as a general guideline for the installation of porcelain pool tiles over concrete tanks, in pools and water features. Cross reference the diagram below with the list of recommended product options on the left for each numbered layer of the substrate and tile assembly.

RECOMMENDED PRODUCTS

- ① **HSR**
SGM High Strength Render
- ② **PORCELAIN SET or GMT**
SGM Porcelain Set or SGM Glass Mosaic Tile Thin-Set
- ③ **ARTISTRY IN MOSAICS**
Any of our Porcelain Mosaic or Porcelain 6x6 Tile Series
- ④ **GROUT**
SGM Security Polymer Grout

