POOL TILE INSTALLATION / QUICK REFERENCE GUIDE
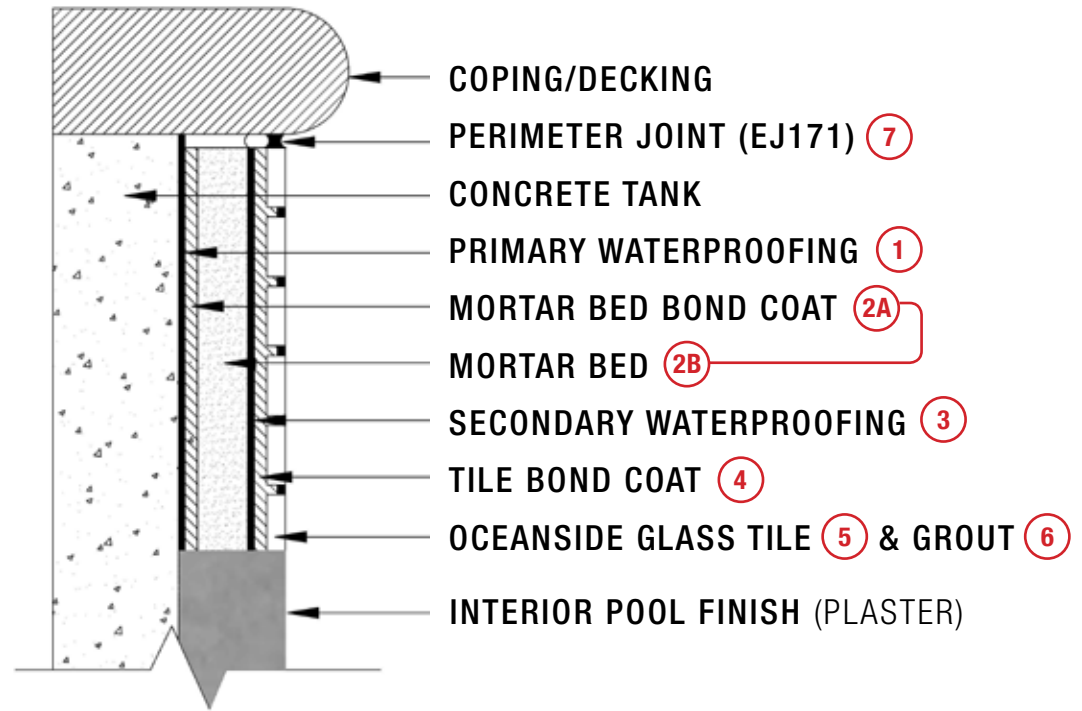
Oceanside GLASS & TILE — npt®

This information is provided as a general guideline for the installation of Oceanside Glass & Tile, over concrete tanks, in pools and water features. Cross reference the diagram to the right with the list of recommended product options below for each numbered layer of the substrate and tile assembly. For more detailed installation instructions visit www.installogt.com or contact Oceanside Glass & Tile Professional Installation Support at techsupport@glasstile.com or 877-648-8222.

- COPING/DECKING
- PERIMETER JOINT (EJ171) (7)
- CONCRETE TANK
- PRIMARY WATERPROOFING (1)
- MORTAR BED BOND COAT (2A)
- MORTAR BED (2B)
- SECONDARY WATERPROOFING (3)
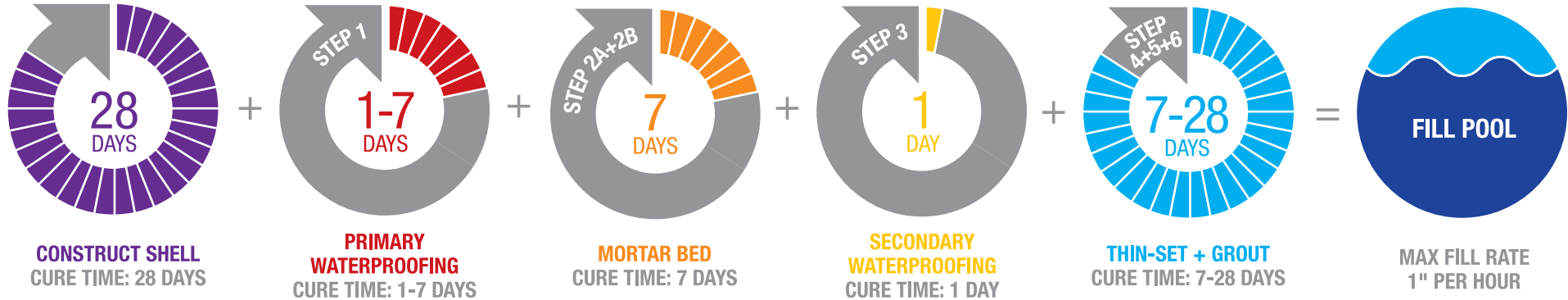- TILE BOND COAT (4)
- OCEANSIDE GLASS TILE (5) & GROUT (6)
- INTERIOR POOL FINISH (PLASTER)

RECOMMENDED PRODUCTS | NPT PART NUMBER

(1) PRIMARY WATERPROOFING
- Miracote MiraPrime Aqua-Blok XL | **CFP-65-1226**
- AQURON CPSP | **ARU-37-1002**
- Basecrete BC Pool Shell Plus | **BTH-37-1013**
- Valcon Industries Restructor | **VCI-37-5126**
- Multicoat Vapor Shield | **MTP–65-9003**

(2A) MORTAR BED BOND COAT (WHITE OR GRAY)
- Laticrete 254 Platinum Thin-Set Gray | **LCR–37-1009**
- SGM 727 Thin-Set | **SGM-37-3500** mixed with Southcrete 28 Additive | **SGM–37-1300**
- TEC SuperFlex Thin-Set Gray | **TSC–37-0002**

(2B) MORTAR BED (NOMINAL THICKNESS - WALLS ¾", FLOORS 1 ¼")
- Laticrete 3701 Fortified Mortar | **LCR-37-1017**
- Site mix of 4:1 ASTM C-144 sand to ASTM C-150 portland cement (no lime)

(3) SECONDARY WATERPROOFING
- Miracote Membrane C Powder White | **CFP-65-1020**
  Powder Gray | **CFP-65-1019**
  Liquid | **CFP-65-1024**
- Basecrete Powder White | **BTH-37-1003**
  Powder Gray | **BTH-37-1002**
  Liquid | **BTH-37-1001**
- Flexcrete Powder White | **VCI-37-5034**
  Powder Gray | **VCI-37-5027**
  Liquid | **VCI-37-5003**
- Laticrete Hydroban (NOT for partial coverage, i.e. waterlines) | **LCR-37-1000**
- TEC HydraFlex (NOT for partial coverage, i.e. waterlines) | **TSC-37-9675**

(4) TILE BOND COAT (WHITE)
- Laticrete Glass Tile Adhesive | **LCR–37-1013**
- Laticrete 254 Platinum White (Use with opaque tile only) | **LCR–37-1010**
- Laticrete Latapoxy 300 (Use with opaque tile only) | **LCR–37-1008**
- SGM 727 Thin-Set | **SGM-37-3500** mixed with Southcrete 28 Additive | **SGM–37-1300**
- TEC SuperFlex Thin-Set White | **TSC–37-0003**

(5) OCEANSIDE GLASS TILE
- Aquascapes
- Oceanscapes
- Pacific Palisades
- Sea Ice
- Spectra

(6) GROUT
- Laticrete Permacolor
- Laticrete Spectralock Epoxy (Use with opaque tile only)
- Custom Building Products Prism Grout
- SGM Security Polymer Grout
- TEC Power Grout

(7) PERIMETER & MOVEMENT JOINT SEALANT
- Laticrete Latasil 100% Silicone Sealant with 9118 Primer
- TEC AccuColor 100 100% Silicone Sealant

CURE TIMES

The following cure times are based on industry standards, manufacturer's directions and average climatic conditions. Manufacturer's directions will vary and should always be followed. Stated cure times begin at the completion of each stage of construction and the time needed to execute each stage is not included in the chart below. Exterior tile installations must be protected during installation and curing from direct sunlight, excessive heat, wind, rain and freezing temperatures.

28 DAYS
CONSTRUCT SHELL
CURE TIME: 28 DAYS

+

STEP 1 — **1-7 DAYS**
PRIMARY WATERPROOFING
CURE TIME: 1-7 DAYS

+

STEP 2A+2B — **7 DAYS**
MORTAR BED
CURE TIME: 7 DAYS

+

STEP 3 — **1 DAY**
SECONDARY WATERPROOFING
CURE TIME: 1 DAY

+

STEP 4+5+6 — **7-28 DAYS**
THIN-SET + GROUT
CURE TIME: 7-28 DAYS

=

FILL POOL
MAX FILL RATE 1" PER HOUR

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 (e.g. the decking/coping), at all inside corners and directly over any joints in the concrete tank. For glass tile, in-field movement joints are required at a maximum spacing of 8' on center. 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 Oceancare Products **"Pool Tile Maintenance Guide"**.

PREVENTING CALCIUM BUILD-UP

To inhibit the bond of calcium deposits, apply Oceancare **Glass & Tile Shield** to new and/or clean pool tile. For optimum protection, apply **Glass & Tile Shield** to pool tile every 6 months.

GENERAL CLEANING AND CALCIUM REMOVAL

To remove waterline scum and grime, apply Oceancare **All Purpose Cleaner & Degreaser** 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 Oceancare **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.

GLASS & TILE SHIELD

- Prevent calcium and mineral build-up
- Reduces tile maintenance
- Excellent for pools and water features
- Invisible, non-toxic & easy to apply

Quart - OCG-50-8577
Gallon - OCG-50-8578

CALCIUM RELEASER

- Removes calcium deposits and efflorescence
- Acid free – Non-toxic
- Use with porcelain, ceramic and glass
- Does not affect pool pH

Quart - OCG-50-1010
Gallon - OCG-50-1013

PART #141156 | REV JAN2018

WARNING: Certain acids will damage tile glaze and iridescent glass tile. 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 (1lb: 3 gallon).