**DESCRIPTION**

Bostik Porcelain-Mate™ is for interior or exterior installations to set all types of ceramic, porcelain, granite, slate, marble, limestone and dimensional stone tiles. Use over polyethylene uncoupling membranes and fleeced sheet membranes, properly prepared concrete, cement backer board, cured mortar beds, brick, cement block, and Bostik GoldPlus™.

**WHERE TO USE**

Interior/exterior floors and countertops.

**DIRECTIONS FOR USE**

Read and understand technical and safety data sheets completely before beginning installation. Follow applicable ANSI, NTCA and TCNA installation standards. Refer to www.bostik.com/us for the most recent product information and safety data sheet prior to installation.

**SURFACE PREPARATION**

All surfaces must be structurally sound, clean, free of dust, dirt, oil, grease, water, curing compounds, sealers, waxes or any contaminants that may inhibit proper bond. TCNA recommends roughening or scarifying glazed tile substrates.

**Note:** It is the user's responsibility to determine the condition and suitability of all surfaces before application.

**MIXING**

Using a slow speed mixer (<150 rpm), mix 5 to 6 quarts of clean potable water. Mix to creamy consistency. Do not re-temper by adding more liquid. Mix with Bostik 425™ Multi-Purpose Acrylic Latex Admixture instead of water for exterior or wet applications where freeze-thaw resistance is needed. No slake required.

**APPLICATION**

Apply a thin coat of Bostik Porcelain-Mate™ with the flat edge of trowel to achieve a good mechanical bond to the substrate. Apply additional mortar with the appropriate size notched trowel. If any evidence of skinning or setting occurs, remove and re-apply fresh mortar. Apply mortar to an area no greater than can be tiled in 20 to 30 minutes.

Apply tile using a twisting motion into a fresh bed of mortar to ensure maximum contact and bond. Periodically check back of tile to ensure proper transfer (interior applications — minimum 80% coverage; exterior, wet — minimum 95% coverage). Temperatures must be between 50°F (10°C) - 100°F (37.8°C) during installation.

**Note:** If the appropriate coverage is not achieved, a larger trowel notch may be required. A finished mortar bed thickness of 3/32” to 1/8” is required.

**KEY FEATURES**

- For interior or exterior installations
- Exceeds ANSI A118.4
- Excellent working characteristics

**TYPICAL PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 Day Shear Strengths:</td>
<td></td>
</tr>
<tr>
<td>Porcelain Tile</td>
<td>250 psi (ANSI REQ 200)</td>
</tr>
<tr>
<td>Glazed Wall Tile</td>
<td>300 psi (ANSI REQ 300)</td>
</tr>
<tr>
<td>28 Day Compressive Strength</td>
<td>3200 psi</td>
</tr>
</tbody>
</table>

All numbers represent minimum test results.

**28 Day Compressive Strength:**

28 Day Compressive Strength 3200 psi

This supersedes and replaces in its entirety all previously published versions of this document.

T3316 (Last revised on 02.21.18)
CLEAN-UP
Clean all tools and equipment immediately with soap and water. Do not allow material to dry on surface of tile.

CURING
Keep all foot traffic off the installation until tile is firmly set (approximately 12 hours). Set times are dependent upon temperature, humidity, porosity of substrate and tile size.

GROUTING
Depending on ambient air, slab and material temperatures, grouting can generally begin after 12 hours with most Bostik grouting systems. Allow 48 hours before grouting with any Bostik EzPoxy™ or any 100% solids epoxy grout. Allow 24-48 hours before grouting with Bostik pre-mixed grouts.

LIMITATIONS
• Do not apply over plywood, oriented strand board (OSB), particleboard, masonite, luan or wood substrates.
• Do not use for installing moisture sensitive stones (i.e. green marble) or resin backed stone.
• If the substrate has deflection, an admixture is required. For substrates with a deflection of L/240 use Flex-A-Lastic®. For substrates with a deflection of L/360 use 425™ Multi-purpose Acrylic Latex Admixture.
• Natural stone such as marble, limestone and travertine may not tolerate deflection in excess of L/720. Refer to the Marble Institute of America Design Manual for details on specific types of stone.
• Do not apply over Bostik UltraSet® Advanced or Black-Top™ unless the mortar is mixed with undiluted Bostik 425™ Multi-Purpose Acrylic Latex Admixture.
• Do not use where hydrostatic pressure can occur.
• Bostik Porcelain-Mate™ must be mixed with Bostik 425™ Multi-Purpose Acrylic Latex Admixture in exterior applications where freeze-thaw resistance is needed.

PACKAGING
50 lb. bag, white and gray formulations.

DANGER
CORROSIVE WHEN WET, MAY CAUSE BURNS. IRRITATING TO SKIN, EYES AND RESPIRATORY TRACT, MAY CAUSE CANCER. Do not breathe dust. Do not get in eyes, on skin or on clothing. Do not swallow. Handle with care. Use only in a well-ventilated area or wear a mask. Wear protective clothing including gloves during handling. Wash thoroughly after handling. Store bag in a cool, dry area. Do not reuse bag.

KEEP OUT OF REACH OF CHILDREN