Bostik, Inc.
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This product guide specification is based on the Construction Specifications Institute (CSI) *Project Delivery Guide*, *Construction Specifications Practice Guide*, *MasterFormat®*, *SectionFormat™*, and *PageFormat™*. This product guide specification is a manufacturer-specific proprietary product specification using the proprietary method of specifying applicable to master guide specifications and project specifications. Text requiring decisions are indicated by brackets [ ]; delete unused text in the final copy of the specification.

Revise the section number and title to suit project requirements, specification practices and section content. Refer to CSI *MasterFormat®* for other section numbers and titles.

SECTION 09 30 00.19

TILING - MORTAR

PART 1 – GENERAL

1.1 SUMMARY

A. Section Includes: Polymer-modified thin set mortar for use with tile and stone.

1.2 SUBMITTALS

A. Product Data: Manufacturer's technical product data including manufacturer's installation instructions.

B. Special Manufacturer Warranty: Copy of specified warranty.

1.3 QUALITY ASSURANCE

A. Installer Qualifications:

1. Installer is a Trowel of Excellence member of the Tile Contractors' Association of America.

2. Installer employs Ceramic Tile Education Foundation Certified Installers or installers recognized by the U.S. Department of Labor as Journeyman Tile Layers.

B. Preinstallation Meeting: Conduct preinstallation meeting prior to commencing work to verify project requirements, substrate conditions and coordination with other building products, and to review manufacturer's installation instructions and manufacturer's warranty requirements.

1. Representatives of the owner, architect, contractor, tile installer, and any other parties who are involved in the scope of this installation shall attend the

meeting.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use.

B. Store materials on elevated platforms, under cover, and in a dry location.

1.5 FIELD CONDITIONS

A. Environmental Limitations: Do not install materials until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

1.6 WARRANTY

A. Special Manufacturer Warranties: Furnish manufacturer’s standard warranty executed by authorized company official.

Specifier Note: Retain one of the following two subparagraphs.

Specifier Note: Retain following subparagraph for extended warranty if a preparation or setting material manufactured by Bostik will also be used for the installation. Refer to the Warranty Duration Table that is a part of the online manufacturer’s warranty.

1. System Installation Warranty: Materials will be free from manufacturing defects from the time of purchase and conform to manufacturer’s written specifications under normal usage for a period of [twenty-five] years when applied according to manufacturer’s written installation instructions and industry standard guidelines. If the nature of the defects of the products specified by this Section warrants, the warranty will include materials and labor for the replacement of the installation. Refer to manufacturer’s warranty for specific details.

Specifier Note: Retain following subparagraph if preparation and other setting materials used for the installation will not be manufactured by Bostik.

2. Mortar Only Warranty: Materials will be free from manufacturing defects from the time of purchase and conform to manufacturer’s written specification under normal usage for a period of one year when applied according to manufacturer’s written installation instructions and industry standard guidelines. If the nature of the defects of the products specified by this Section warrants, the warranty will include materials and labor for the replacement of the installation. Refer to manufacturer’s warranty for specific details.

PART 2 - PRODUCTS

2.1 MANUFACTURER

A. Manufacturer: Bostik, Inc., 11320 West Watertown Plank Road, Wauwatosa, WI 53226, Telephone: 800.726.7845, Fax: 414.774.8775, Inquiry: inquiry@bostik.com, Website: www.bostik.com/us.

2.2 MORTAR

Specifier Note: Retain paragraph below for proprietary method specification. Use of such phrases as “or equal” or “or approved equal” or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural and regulatory) and assignment of responsibility for determining “or equal” products.

A. Mortar Product: BAM™ Bostik Accelerated Mortar.

1. Description: Fiber-Reinforced, RapidCure™, Large & Heavy Tile Mortar.

2. Physical Properties: Complies with ANSI A118.4, A118.11 and A118.15.

a. Porcelain Tile Shear Strength at 1 day (118.15F): Greater than 400 psi

b. Porcelain Tile Heat Aging Shear Strength at 28 Days (118.15F): Greater than 450 psi

c. Freeze Thaw Cycles Passed: Greater than 100 cycles

3. VOC Content: 0 g/L as calculated by SCAQMD Rule 1168.

Specifier Note: Retain one of the following two paragraphs below.

B. Water: Clean and potable.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions where materials will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Comply with manufacturer's written instructions, including product technical bulletins and product package instructions.

3.3 INSTALLATION

A. Comply with ANSI A108 and manufacturer's written instructions, including product technical bulletins and product package instructions.

B. Install materials according to TCNA Installation Method [ ].

C. Mixing: Mix with admixture product or water only according to manufacturer's written instructions.

D. Procedure:

1. Apply thin coat of material to substrate with flat edge of trowel, and then apply additional mortar with the appropriate notched trowel.

2. Apply mortar to an area no greater than can be tiled in amount of time recommended by manufacturer.

3. Apply tile using a twisting motion to ensure maximum contact and bond; check periodically.

4. Apply materials to achieve mortar thickness recommended by manufacturer.

3.4 PROTECTION

A. Limit foot traffic over installation according to manufacturer's written instructions.

END OF SECTION