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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 64 13

WOOD FLOORING INSTALLATION PRODUCTS

PART 1 - GENERAL

1.1 SUMMARY

Specifier Note: Retain bracketed options as required for the project.

- A. Section Includes: Adhesive[, vapor retarder] [and,] [sound reduction membrane] for use with wood flooring.

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. 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.
 - 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 the lifetime of the installation 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-us.com, Website: www.bostik.com/us.

Specifier Note: Retain bracketed options as required for product(s) selected below.

2.2 [ADHESIVE] [VAPOR RETARDER] [SOUND REDUCTION] [ANTI-FRACTURE] MEMBRANE

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.

Specifier Note: Retain one of the paragraphs below.

- A. Adhesive, Moisture Control, Sound Reduction, Anti-Fracture Membrane Product: Ultra-Set® SingleStep2™.
 - 1. Description: Adhesive, moisture control, sound control, and anti-fracture membrane combined in one product but not containing water, which includes the following:
 - a. Bostik's Blockade® antimicrobial protection.
 - b. Bostik's AXIOS Tri-Linking™ Polymer Technology.
 - c. Bostik's Thickness Control Spacer Technology.

- d. Recycled content.
 - 2. VOC Content: 0 g/L as calculated by SCAQMD Rule 1168.
 - 3. Physical Properties:
 - a. Unlimited moisture vapor protection.
 - b. Sound reduction up to 70 IIC and 21 Delta IIC.
- B. Adhesive, Moisture Control, Sound Reduction, and Anti-Fracture Membrane Product: Vapor-Lock™.
- 1. Description: Adhesive, moisture control, sound control, and anti-fracture membrane combined in one product but not containing water, which includes the following:
 - a. Bostik's Blockade® antimicrobial protection.
 - b. Bostik's Thickness Control Spacer Technology.
 - c. Recycled content.
 - 2. VOC Content: 0 g/L as calculated by SCAQMD Rule 1168.
 - 3. Physical Properties:
 - a. Moisture vapor protection up to 12 lbs. per 1,000 square feet per 24 hours and 85 percent relative humidity.
 - b. Sound reduction up to 69 IIC and 21 Delta IIC.
- C. Adhesive, Moisture Control, and Anti-Fracture Membrane Product Product: GreenForce™.
- 1. Description: Adhesive and moisture control membrane combined in one product but not containing water, which includes the following:
 - a. Bostik's Blockade® antimicrobial protection.
 - b. Bostik's AXIOS Tri-Linking™ Polymer Technology.
 - c. Recycled content.
 - 2. VOC Content: 0 g/L as calculated by SCAQMD Rule 1168.
 - 3. Physical Properties:
 - a. Unlimited moisture vapor protection.
- D. Adhesive, Moisture Control, and Anti-Fracture Membrane Product: Bostik's Best®.
- 1. Description: Urethane adhesive and moisture control combined in one product, but not containing water.
 - a. Bostik's Blockade® antimicrobial protection.
 - 2. VOC Content: 0 g/L as calculated by SCAQMD Rule 1168.
 - 3. Physical Properties:
 - a. Moisture vapor protection up to 12 lbs. per 1,000 square feet per 24 hours and 82 percent relative humidity.
- E. Adhesive, Moisture Control, and Anti-Fracture Membrane Product: EFA+™.

1. Description: Urethane adhesive and moisture control combined in one product, but not containing water.
2. VOC Content: Low as calculated by EPA Method 24.
3. Physical Properties:

- a. Moisture vapor protection up to 6 lbs. per 1,000 square feet per 24 hours and 80 percent relative humidity.

F. Moisture Control, Sound Reduction, and Anti-Fracture Membrane Product: MVP4.

1. Description: Urethane membrane for use beneath glue-down installations, but not containing water.
2. VOC Content: Low as calculated by EPA Method 24.
3. Physical Properties:

- a. Unlimited moisture vapor protection.
- b. Sound reduction up to 62 IIC when used with Bostik's Best®.

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.
- B. Substrates shall be clean, sound, dry, and free of contaminants that will act as a bond breaker.
- C. Mechanically abrade the substrate to comply with IRC CSP 1-3.

3.3 INSTALLATION

- A. Comply with manufacturer's written instructions, including product technical bulletins and product package instructions.
- B. Procedure:
 1. Apply material to substrate using appropriate trowel, and to achieve thickness recommended by manufacturer.
 2. Install using "Wet-Lay" or "Walk-on-Work" method.
 3. Apply material to an area no greater than can be covered in amount of time recommended by manufacturer.

3.4 PROTECTION

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

END OF SECTION