

## SECTION 09 05 61 – MOISTURE TOLERANT ADHESIVE

### PART 1 GENERAL

#### 1.1 SUBMITTALS

- A. Action Submittals:
  - 1. Product Data: Manufacturer's descriptive data and product attributes for adhesives and patching materials.
- B. Informational Submittals:
  - 1. Certificate of Compliance: Certification that installed products meet specified performance requirements.

#### 1.2 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference:
  - 1. Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] installer, and related trades.
  - 2. Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

#### 1.3 QUALITY ASSURANCE

- A. Installer Qualifications (And/Or):
  - 1. Minimum [2] [5] years experience in work of this Section.
  - 2. Approved by manufacturer.
  - 3. AquaflexONE Certified Affiliate.
- B. Provide third party verification testing of low emitting compliance to CDPH 01350 small-chamber requirements.
- C. Single Source Responsibility: Source materials and warranty from a single manufacturer.
- D. Third party inspected for a warranted installation by manufacturers approved representative.

#### 1.4 WARRANTY

- A. Manufacturers standard "Life of the Floor" waterproof and alkali resistant adhesive warranty.
  - 1. Warranty to include repair or replacement of flooring materials damaged during warranty period at no cost to Owner.
- B. Installer's 2-year installation workmanship warranty.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturers:
  - 1. Aquaflex, Inc.
  - 2.
  - 3.
- B. Substitutions: Refer to Division 01.

#### 2.2 MATERIALS

- A. Moisture Tolerant Adhesive:

1. Type: Single-component, zero VOC content, 100-percent solid, waterproof adhesive.
2. Relative humidity: Resistant to 100-percent exposure, ASTM F2170.
3. Alkalinity Resistance: Tolerant to 14pH exposure, ASTM F710.

B. Substrate Repair: Manufacturers moisture-resistant hydraulic cement-based compound(s).

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

A. Verify floors maintain floor levelness of 1/8-inch in 10 feet.

#### **3.2 PREPARATION**

A. Mechanically profile surface to expose absorbent concrete meeting ASTM F3191.

B. Clean surfaces of debris and contaminants.

#### **3.3 INSTALLATION**

A. Apply moisture tolerant patching materials accordance with manufacturer's instructions, matching adjacent surfaces at a maximum depth of 1/2-inch.

B. Apply adhesive using notched trowel in accordance with manufacturers instructions.

#### **3.4 FIELD QUALITY CONTROL**

A. Perform required inspection and install materials required to maintain manufacturer's warranty.

END OF SECTION