

Section 09 05 61

SELF-MITIGATING WATERPROOF ACOUSTIC FLOORING INSTALLATION SYSTEM

Floor Specs - Moisture
RTS/REHAB/BTS

RTS/REHAB

SLAB MOISTURE TESTING AND RESILIENT FLOORING ADHESIVES

Regardless of slab moisture levels, the Flooring Manufacturers high moisture adhesives must be used (unless using Aquaflex):

(Examples)

- Armstrong – S515 High Moisture Adhesive
- Mannington/Amtico – Amtico High Moisture PS Adhesive
- Parterre – Parterre Universal Pressure Sensitive Adhesive
- ASI – High Moisture Series Adhesive FLBMD097
- Tarkett/Centiva – Tarkett Rollsmart Adhesive

Conduct concrete moisture testing per ASTM F2170. If the slab RH is reported 85% or greater, and/or the pH is 11 or greater, price the following required options:

- A moisture mitigation system per ASTM F3010 “Standard Practice for Two- Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings”.
- Aquaflex Waterproof Installation System.
- All patching and underlayment compounds shall be moisture, mildew, and alkali resistant.
- If using Aquaflex, then proceed with the Aquaflex Waterproof Patch & Skim.
- Per Outline Specifications, a 15 mil Vapor Retarder is required directly under the concrete slab. If a specified sub-slab vapor barrier is not confirmed and found intact, then the installation will require either a Moisture Mitigation system per ASTM F3010 or Aquaflex Waterproof Installation System regardless of moisture levels reported.

*Moisture level requirements are acknowledged to exceed Flooring Manufacturer’s requirements.

MOISTURE MITIGATION SYSTEMS AND AQUAFLEX WATERPROOF ADHESIVE

If a Moisture Mitigation System is used, the following requirements apply:

- System must be in accordance with ASTM F3010 “Standard Practice for Two- Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings”.
- Approved Manufacturers are Ardex, Schonox, Mapei, and TEC

If Aquaflex Waterproof Adhesive is used, the following requirements apply:

- Aquaflex must be installed per Manufacturer’s instructions, including required slab prep.
- Any other patch, skim or underlayment compound must be approved by Aquaflex prior to use.

*Moisture level requirements are acknowledged to exceed Flooring Manufacturer’s requirements.

**Contact for Aquaflex is: info@aquaflexinc.com/800-359-3201

BTS

SLAB MOISTURE TESTING AND RESILIENT FLOORING ADHESIVES

Regardless of slab moisture levels, the Flooring Manufacturers high moisture adhesives must be used (unless using Aquaflex):

(Examples)

- Armstrong – S515 High Moisture Adhesive
- Mannington/Amtico – Amtico High Moisture PS Adhesive
- Parterre – Parterre Universal Pressure Sensitive Adhesive
- ASI – High Moisture Series Adhesive FLBMD097
- Tarkett/Centiva – Tarkett Rollsmart Adhesive

Conduct concrete moisture testing per ASTM F2170. If the slab RH is reported 85% or greater, and/or the pH is 11 or greater, price the following required options:

- A moisture mitigation system per ASTM F3010 “Standard Practice for Two- Component Resin Based Membrane-Forming Moisture Mitigation Systems for Use Under Resilient Floor Coverings”.
- Aquaflex Waterproof Installation System.
- All patching and underlayment compounds shall be moisture, mildew, and alkali resistant.
- If using Aquaflex, then proceed with the Aquaflex Waterproof Patch & Skim.
- Per Outline Specifications, a 15 mil Vapor Retarder is required directly under the concrete slab. If a specified sub-slab vapor barrier is not confirmed and found intact, then the installation will require either a Moisture Mitigation system per ASTM F3010 or Aquaflex Waterproof Adhesive regardless of moisture levels reported.

*Moisture level requirements are acknowledged to exceed Flooring Manufacturer’s requirements.

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