Aquaflex®
M100Plus Flooring Adhesive

Technical Data Sheet (TDS)
Resilient Flooring Adhesive for Commercial ERT & Plank

Aquaflex M100Plus is the first patented waterproof flooring adhesive. M100Plus adhesive is not affected by exposures to high pH concrete moisture or liquid water at any level. Aquaflex M100Plus resists the effects of immersive cure in Concrete Pore Water at pH 13.5 to 14.0, remaining unchanged indefinitely. Mitigation procedures are commonly required with elevated concrete moisture, creating costly construction delays. Aquaflex avoids moisture mitigation and results in significant money and time savings.

BEFORE YOU BEGIN
Aquaflex M100Plus may be used for installations over concrete substrates at any moisture/pH level (per ASTM F2170). It is best practice to maintain interior air temperatures between 65º and 85º F and 40% - 60% RH. Sound and properly prepared concrete above, on and below grade.
Substrates must be SMOOTH, POROUS and CLEAN. Clean concrete surface by mopping with clean, fresh water.

■■ Smooth- ASTM F710 3/16” within 10’ and 1/32” within 12”
■■ Porous- ASTM F3191 Water Drop Test
■■ Clean- Free of dust, dirt, wax, residual adhesive, cut-back, paint, grease, oil, curing agents, mold, bond breakers, residual alkaline salts, densifiers, hardeners or any other foreign material that would inhibit bond.

INSTALLATION
Acclimate all materials prior to beginning the installation process. Due to varying concrete substrate conditions, it is always recommended that an adhesion and porosity test be performed prior to the installation process. Refer to the flooring manufacturer on proper installation method.

TROWEL ACCURATELY, do not leave clumps or “snake tracks” of glue. Upon opening pail, slice open the foil bag and pour adhesive into pail. If adhesive is left in pail for storage, it will skin over. Prior to using stored material, remove the adhesive skin.

Aquaflex M100Plus adhesives should never be used as a strategy for leveling a concrete surface. Do not use Aquaflex M100Plus adhesives to fill gaps, cracks, pop-outs, saw-cuts or voids of any kind in the concrete. For concrete repairs, please reference the Aquaflex M100Plus Patch & Skim TDS.

Roll flooring once immediately upon grab with a 3-section 100lb roller lengthwise, and then again at a right angle to the first line of direction per flooring manufacturer’s instructions. Caution: Excessive rolling can create lippage with some rigid flooring products over less than smooth concrete.

USE OVER
Above, on or below grade over bare concrete.

RECOMMENDED COVERAGE AND TROWEL

<table>
<thead>
<tr>
<th>1.5mm (1/16”)</th>
<th>3.6mm (9/64”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.76mm (1/32”)</td>
<td>1</td>
</tr>
</tbody>
</table>

Coverage rate of approximately 175-225 sq. ft./gallon.

ADHESIVE WORKING TIME
Up to 90 minutes after trowel.

TRAFFIC
Aquaflex M100Plus installations are open to light foot traffic after 3 hours and heavy traffic after 24 hours. Installations are immediately waterproof and maintenance procedures can be performed after the initial 3-hour window.

CLEAN UP
Use a cloth dampened with mineral spirits or the supplied Aquaflex M100Plus Adhesive Remover Sponge.

PRECAUTIONARY STATEMENTS
This product is considered non-hazardous. “ZERO” VOC per CA SCAQMD Rule 1168, containing bio-based content and meeting or exceeding ALL environmental guides and regulations. In case of eye contact, flush with water to avoid irritation. Wash from skin using pumice soap. Avoid excessive heat or cold. FREEZE-THAW STABLE. Dispose of in accordance with local, regional, national, international regulations as specified. Read SDS for detailed product information. SDS may be obtained by calling Mohawk Technical Services at 800-833-6954.

SHELF LIFE
6 months from date of manufacture in an unopened container.

FOR DETAILED INSTRUCTIONS FOR WET-SET OR DRY-SET METHODS OF INSTALLATION, contact Mohawk Technical Services at 800-833-6954 for job specific recommendations.

LEED v4 PROGRAM CREDITS (where applicable)
- IEO Credit 2.1, 2.2: Low Emitting Materials
- VOC content is below that established by California SCAQMD Rule 1168.
- Compliant with CA Section 01350

Not to be used with Pivot Point