

RIKETT TECHNICAL BULLETIN

Rikett Adhesives Policy

Rikett has invested much time and research in testing the best adhesives for use with its RQT and RESO LVT. Our recommendations are based on all substrate preparation and testing procedures conforming to ***ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring***. We recommend only the following adhesives to install our tile on concrete and wood substrates. These adhesives are sold independently by local flooring distributors:

Recommended for RQT and RESO LVT:

1. Mapei
 - a. [Ultrabond ECO® 360](#). Hard Setting Adhesive.
 - b. [Ultrabond ECO® 373](#). Universal Pressure Sensitive Adhesive.
2. Roberts/QEP
 - a. [2350](#). Hard Set Resilient Flooring Adhesive.
 - b. [7350](#). Universal Flooring Adhesive.
 - c. 7399. Universal Flooring Adhesive for higher moisture applications
3. Ardex/Henry
 - a. ##### TBA
 - b. ##### TBA
 - c. The most current documents, including TDS and SDS can be downloaded at <https://www.wwhenry.com/>
4. Spray-Lock®
 - a. [9500](#) and [9500 Platinum](#) LVT Spray Adhesives for increased moisture resistance
 - b. [6500](#) and [6500 Platinum](#) VCT Spray Adhesives for increased moisture resistance.
5. Aquaflex
 - a. [100 Series](#) Waterproof Installation System by Formulators, Inc.

Always follow the adhesive manufacturer's instructions for handling, storage, application and clean up. Each adhesive manufacturer may have different warranty requirements. It is the responsibility of the flooring contractor to follow the adhesive manufacturer's recommendations. Technical documents relating to Rikett's recommended adhesives can be downloaded at each manufacturer's respective web site or at <https://rikett.net/tech-data/>

Use of Alternate Adhesives - Should our RQT or RESO LVT be installed with adhesives other the adhesives recommended above, all adhesive related performance problems are the responsibility

of the manufacturer of the alternate adhesive used and the installer who used it. Potential problems include, but are not limited to: indentation, shrinkage, shifting, bubbling, edge swelling, adhesive oozing, moisture related failures, etc.

TROWEL: The Gundlach FFA Trowel for use with troweled acrylic adhesives:



The Gundlach FFA Trowel

Spreading adhesive with the wrong trowel is the cause of many installation failures! If you don't have the FFA Trowel, don't start the installation!

The Gundlach FFA Trowel is the correct trowel for applying Rikett's recommended troweled acrylic adhesives. (Spray-Lock and Aquaflex are excluded). The trowel acts as a measuring device. The FFA Blade is a fine notch (1/16"x 1/32"x 1/32") professional trowel that is available either with a wooden handle or as part of the Versablade System.

- Refer to adhesive manufacturers' technical data sheets for estimated spread rates.
- Periodically check your trowel for wear.
- Do not re-notch the Gundlach trowel blade by hand.
- Replace the trowel every 1,000-2,000 s/f.
- Clean old adhesive from your tools using warm water and detergent or mineral spirits.

MOISTURE & PH TESTING ON CONCRETE SUBFLOORS:

ASTM F 2170 RELATIVE HUMIDITY CONCRETE MOISTURE TESTING USING IN SITU PROBES

- Perform the required concrete moisture testing only after the building is fully-enclosed and the HVAC system is fully-operational for at least one week.
- Follow the procedures as described in ASTM Test Method F 2170. Failure to follow the detailed procedures in F2170 can lead to a moisture-related installation failure.
- Field testing has found that the Wagner Rapid RH® 4.0 System provides consistent RH results. For more information, visit the Wagner website at www.rapidrh.com.
- Always follow the adhesive manufacturer's recommended RH limits for moisture, allowing for any stated margins of error.

PH TESTING:

- Concrete floors must be tested for alkalinity prior to the installation of our RQT. To test for pH at the surface of a concrete slab, use wide range pH paper, its associated pH chart, and distilled or de-ionized water. Place several drops of water on a clean concrete surface, forming a puddle 1 inch in diameter. Allow the puddle to set for 1 minute, and then dip the pH paper in the water. Remove immediately and compare to the chart to determine the pH reading.
- Refer to the adhesive manufacturer's published limits for acceptable PH levels.

Document All Moisture and PH Test Results

Moisture and pH test results must be documented by the person conducting the testing and submitted to the general contractor/architect/building owner at the time of testing. Rikett requires documented moisture testing as part of its installation recommendations. Rikett will request copies of pre-installation moisture testing documentation before any claims or complaints will be acknowledged.

Rikett does not warranty adhesives. Adhesive manufacturer's warranty applies to all adhesive products. Please read and follow manufacturer's instructions.

For the most up to date technical information please visit www.rikett.net.

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