


# Laying a Solid Foundation

Bona® Adhesive Trowel Selection for Moisture Control

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- Adhesive acts as a sealer/adhesive over properly prepared, suitable substrates (see below)
- Easy to apply with no arm fatigue
- Easy to clean and won't harm finish
- Excellent 'green-grab' keeps flooring in place
- 'Memory free' prevents drift between board seams
- Rapid shear strength allows foot traffic in one day
- Exceptional ridge stability for maximum adhesion
- Compatible with radiant heat systems
- Sound ratings of 71 dB IIC and 65 dB STC (1500G Trowel with suspended ceilings)\*
- GREENGUARD GOLD Certified, Prop 65 Compliant, Zero VOCs
- Water and solvent free

≤ 18 lbs. (Calcium Chloride)	 7/16" V-notch with MBP spacer	<b>Bona® Moisture Barrier Plus (MBP) Clip-On Trowel</b> for Maximum Moisture Protection (6% Tramex)	≤ 95% RH (RH of the Concrete)
	<b>Clip-on trowels included with Bona R851® and Bona R859®</b> <ul style="list-style-type: none"> <li>• Solids up to 9" wide and 3/4" thick</li> <li>• Engineered up to 16" wide and 3/4" thick</li> <li>• 30-35 square feet per gallon**</li> <li>• Replace Bona MBP clip-on trowel after every pail</li> </ul>		
≤ 18 lbs. (Calcium Chloride)	 5/16" x 5/16" x 7/16" V-notch	<b>Bona® 1500G Trowel</b> (4% Tramex)	≤ 95% RH (RH of the Concrete)
	<ul style="list-style-type: none"> <li>• Solids up to 9" wide and 3/4" thick</li> <li>• Engineered up to 16" wide and 3/4" thick</li> <li>• 45-50 square feet per gallon**</li> <li>• <b>85% RH and 12 lbs.</b> of moisture protection. <b>Up to 87% RH and 15 lbs.</b> of moisture protection with the back-trowel method (45-55 square feet per gallon). <b>Up to 95% RH and 18 lbs.</b> of moisture protection when used over Bona R540.</li> </ul>		
≤ 18 lbs. (Calcium Chloride)	 1/4" x 1/4" x 7/16" V-notch	<b>Bona® 1250G Trowel and 1250G Clip-On Trowel</b> (4% Tramex)	≤ 95% RH (RH of the Concrete)
	<b>Clip-on trowels included with Bona R851® and Bona R859®</b> <ul style="list-style-type: none"> <li>• Solids up to 5" wide &amp; 3/4" thick</li> <li>• Engineered up to 8" wide</li> <li>• Replace Bona 1250G clip-on trowel after every pail</li> <li>• 55-60 square feet per gallon**</li> <li>• <b>85% RH and 12 lbs.</b> of moisture protection. <b>Up to 87% RH and 15 lbs.</b> of moisture protection with the back-trowel method (45-55 square feet per gallon). <b>Up to 95% RH and 18 lbs.</b> of moisture protection when used over Bona R540.</li> </ul>		
≤ 6 lbs. (Calcium Chloride)	 7/32" x 13/64" x 25/64" V-notch	<b>Bona® Engineered Flooring (EF) Trowel</b> (3% Tramex)	≤ 80% RH (RH of the Concrete)
	<ul style="list-style-type: none"> <li>• Engineered flooring only – 7" wide up to 3/4" thick</li> <li>• 70-75 square feet per gallon**</li> </ul>		
≤ 6 lbs. (Calcium Chloride)	 5/32" x 5/32" x 5/32" V-notch	<b>Bona® 1000F Trowel</b> (3% Tramex)	≤ 80% RH (RH of the Concrete)
	<ul style="list-style-type: none"> <li>• Parquet (12" x 12") over smooth substrates; Acoustical Underlayment Pad</li> <li>• 80-85 square feet per gallon**</li> </ul>		
≥ 3 lbs. (Calcium Chloride)	<b>Vapor Retarder</b>		≤ 75% RH (RH of the Concrete)
	<p>According to NWFA, "a vapor retarder is recommended anytime solid 3/4" wood is installed over concrete. A vapor retarder is required for installation over concrete with a calcium chloride reading greater than 3 pounds (and) a relative humidity reading greater than 75%."</p>		

Suggested notched trowel for maximum coverage of adhesive. For optimum spread rate hold at a 90 degree angle.

#### Suitable Substrates & Compatible Products:

Concrete, gypsum-based leveling compounds, Portland cement-based leveling compounds, rubber, cork, plywood, OSB, Warmboard®, particleboard, stone, ceramic, terrazzo, metal, cement board (Fiberock®, Durock®, PermaBase®, Hardiebacker®), AdvanTech™, radiant heat flooring systems, and many other products.

\*Bona R851 sound rating. Sound ratings for Bona R859 of 70 dB IIC and 65 dB STC (1500G trowel with suspended ceiling)

\*\*Coverage rates are dependent of board width, subfloor flatness (3/16" over 10 feet), substrate porosity or CSP, and the angle of the trowel during application (floated vs. 90° to the flooring surface).