Laying a Solid Foundation
Bona Adhesive Trowel Selection for Moisture Control
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## Clip-On trowels included with Bona Adhesive
- 30-35 square feet per gallon
- Adhesive acts as a sealer/adhesive over properly prepared, suitable substrates (see below)
- Solids up to 9” widths & engineered up to 16” wide
- Zero VOC, freeze-thaw stable (0°F)

## Engineered Flooring (EF) Trowel (3% Tramex)
- Adhesive acts as a sealer/adhesive over properly prepared suitable substrates (see below)**
- Engineered flooring only up to 3/4” thick and 7” wide
- 70-75 square feet per gallon (depends on the flatness of the subfloor 3/16” over 10’ & floating vs 90° angle)
- Shear strength of 245 psi and elongation rating of 300%
- Zero VOC, freeze-thaw stable (0°F)

## Vapor Retarder
According to NWFA, “a vapor retarder is recommended anytime solid ¾” 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%).”

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**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.

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Talk with your local Bona adhesive specialist for more specific details.