



Engineered to Reduce Impact Noise

Bona Adhesives



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Understanding Impact Noise

High heels, scampering dogs, dropped objects. Sound is transmitted when hard objects interact with hardwood floors. Without anything to absorb it, sound waves can permeate the building envelope. Suppressing that sound is incredibly important in custom residential homes, office buildings and multi-family condominiums.

Resistance to Impact Noise

Bona® Adhesives are tested in accordance with the IIC (Impact Insulation Class) standard using the measurement procedure ASTM E492-09. This standard measures the floors resistance to the transmission of impact noise, such as those mentioned above. The higher the rating the better the sound absorption. The Uniform Building Code (UBC) requires a rating of 50.

Your Guide to Choosing the Right Adhesive

PRODUCT	FLOOR TYPE	SHEAR/ ELONGATION	MOISTURE	COVERAGE	SOUND REDUCTION RATING	PACKAGING
Bona R851 Adhesive 	Solid or Engineered Prefinished or Unfinished Flooring ✓ Up to 16" in width (9" for solid) ✓ Up to 3/4" thick	335 psi/250%	Up to 15 lbs or 85% RH, 4% Tramex or 2.5% CM	50-85 square feet/gallon depending on trowel notch requirements	IIC 71 dB STC 65 dB	3-gallon container
	When used with "MBP Clip-On" Trowel		Up to 18 lbs or 95% RH	30-35 square feet/gallon		
Bona R859 Adhesive 	Solid or Engineered Prefinished or Unfinished Flooring ✓ Up to 16" in width (9" for solid) ✓ Up to 3/4" thick	335 psi/250%	Up to 15 lbs or 85% RH, 4% Tramex or 2.5% CM	50-85 square feet/gallon depending on trowel notch requirements	IIC 70 dB STC 65 dB	4-gallon container
	When used with "MBP Clip-On" Trowel		Up to 18 lbs or 95% RH	30-35 square feet/gallon		
Bona R880 Adhesive 	Great for Trim, Starter Rows, Treads, Risers, Vertical Applications including wall treatments	—	—	30 linear ft/tube with a 1/4" bead	—	10.4 oz. container
Bona R850T Adhesive Sausage 	Solid or Engineered Prefinished or Unfinished Flooring ✓ Replaces top nailing on close-out rows and board replacements ✓ Supplemental fastening on wide plank boards, stairs, treads and risers	335 psi/250%	For use with glue-assist	60 linear ft/tube with a 1/4" bead	—	20 oz. foil tube

*When applied between 65°-85° F and maximum relative humidity of 70%