



Only
**ONE
COAT**
needed on all subfloors!*



Bona® **R540** Moisture Barrier/Primer

The proven way to ease moisture issues quickly!

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Bona®



See the benefits of Bona® R540 here!

Bona® R540 Moisture Barrier/Primer

- ✓ Helps mitigate potential moisture issues, like cupping†, originating from below the membrane, in new and existing construction
- ✓ When used as a primer, one coat increases adhesion over resinous wood subfloor systems
- ✓ Can be used as a vapor retarder in place of felt paper for wooden subfloors up to 20% MC
- ✓ One coat can be used for damp proofing concrete subfloors up to 95% RH & 18 lbs*
- ✓ Dries fast allowing nail-down installation immediately
- ✓ No more tears in paper or seams to be concerned with – continuous film offers more uniform coverage and moisture protection
- ✓ Easy to apply – rolls on
- ✓ Suited for underfloor heating‡

Bona R540 is a one-component, roll-on moisture membrane specially designed to mitigate vapor transmission on absorbent and non-absorbent subfloors, including Gypsum-based underlayments. The polyurethane reactive primer is compatible with the entire Bona Adhesive System.

PHYSICAL CHARACTERISTICS:

Base:	Polyisocyanate Prepolymer
Color:	Transparent brown
Viscosity:	Thin
Density:	9.51 lbs / gallon
VOC Content:	Zero VOC
Odor:	Solvent
Flash Point:	Closed cup: >410°F (>210°C)
Stability:	1-year from date of manufacture in unopened, original packaging
Packaging:	5-liter jugs

TECHNICAL DATA:

Spreadability:	Rolls easily with 3/16" nap mohair roller. Do not exceed 1/4" nap mohair or other shed resistant roller.
Dry Time:	1-16 hours. See application information on jug or Technical Data Sheet
Cure Time:	24 hours
Coverage:	When used as a Vapor Retarder on unsealed wooden subfloors : <u>1 coat</u> at 300-400 square feet
	When used as a Primer (Adhesion Promoter) on resinous wood subfloor systems : <u>1 coat</u> at 400-600 square feet
	When used as a Moisture Barrier (up to 18 lbs. / 95% RH†) on concrete : <u>1 coat</u> at 400 square feet (when used with Bona 1250 or 1500 trowel and any Bona Silane Adhesive); <u>2 coats</u> at 400 square feet (for any other installation not meeting the above criteria)

1. Plywood **or** concrete subfloor
2. Bona® R540 Moisture Barrier/Primer
3. Bona QUANTUM™ R851® **or** Bona R850T® **or** Bona QUANTUM™ T (formerly Bona® R859)
4. Flooring



* Only one coat needed when used with 1250G or 1500G trowel and any Bona Silane Adhesive. Two coats required in all other installations when the above criteria is not met.

† Can help prevent cupping caused by excessive subfloor moisture.

‡ Radiant heat systems will have a maximum moisture protection of 6 lbs. or 80% RH.