

NEW

1ST
in the
INDUSTRY
Wood Flooring Adhesives
GREENGUARD GOLD
Certified



Elevate Your Installations with **Bona QUANTUM® FLOW**

Bona QUANTUM® FLOW is an easily pourable, one-component, silane-based adaptable wood floor adhesive. Like the name suggests, Bona QUANTUM FLOW is a high-performance pourable adhesive, allowing you to easily apply to the floor, saving time, effort, and labor.

Bona QUANTUM FLOW is the perfect complement to the existing Bona QUANTUM® lineup and has all the same excellent features and benefits contractors appreciate about Bona adhesives in a new, easily pourable formula. With this new product, you can pour and spread flooring adhesive quickly and effortlessly, preventing further strain on your knees and back. Bona QUANTUM FLOW has outstanding “green-grab” properties and helps to cover a larger surface area in less time without causing fatigue. Quick and efficient, flooring can be ready in as little as one day for furniture and foot traffic.

- Pourable and easy to apply
- Unsurpassed ridge stability provides maximum adhesive transfer
- Excellent “green grab” means the flooring stays in place
- Easy to clean – will not harm or etch the finish on pre-finished floors; will not stain hands
- Zero VOCs – for better indoor air quality
- GREENGUARD GOLD Certified – 1st in the industry

Bona® QUANTUM® FLOW & Gypsum-Based Concrete

It's known that contractors are told to use a primer when gluing over gypsum-based concrete such as GypCrete®. However, the issue has been compatibility with all the various primers on the market.



Our recommendation for gypsum-based concrete floors:

1. The substrate must be dry
2. Abrade gypsum-based concrete substrate with 60-grit or coarser Bona Double-Sided Sanding Disc
3. Vacuum and apply **Bona QUANTUM® FLOW** and install the flooring

The advantage to this recommendation:

- **Less cost** - no primer is needed
- **Less time** - don't have to wait for primer to dry

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

What psi rating is needed for installing hardwood over gypsum-based concrete?

2000 psi for engineered flooring and 2500 psi for solid hardwood is the recommendation from most flooring manufacturers. NWFA recommends 3000 psi for engineered flooring and solid hardwood.

Why do we say abrade the floor instead of a primer?

- When gypsum-based concrete such as Gyp-Crete is poured, the gypsum settles to the bottom and the more soluble ingredients—which create adhesion issues—tend to float to the top. Abrading the floor is an effective method to remove the more soluble ingredients, exposing more gypsum at the surface.
- Gypsum-based concrete substrates tend to be very dusty, even after thorough vacuuming. Primers are typically recommended because many types of adhesives do not have the ability to wet-out, due to the dust on the surface, thereby creating an adhesion issue. Bona QUANTUM® FLOW is the exception! Through extensive testing, Bona's Research and Development team has concluded that abrasion and thorough vacuuming prior to applying Bona QUANTUM® FLOW is all you'll ever need, no primer necessary!

Can I apply a moisture barrier after abrading Gyp-Crete or other gypsum-based concretes if there are moisture concerns?

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



Is this information the same for a gypsum-based concrete floor that has a radiant heat system underneath it?

YES, this would apply—just make sure they use/cycle the radiant heat system prior to installation.

How do I know if the gypsum-based concrete is dry?

According to the manufacturer, Maxxon, a 3/4" thick pour is fully dry and ready for floor installation within 5 to 7 days, when properly ventilated and temperatures are maintained above 50° F.

Can I use a moisture meter to test if the gypsum-based concrete is dry?

YES. When a moisture meter is required, use a pin-invasive type such as a Delmhorst® model G-79 or Delmhorst BD2100 (follow the Delmhorst directions). Keep in mind, these meters measure only what the pins contact. For thicker pours you will need to drill pilot holes and use longer pins to obtain an accurate measurement.