

Bona Mega®

Technical data sheet

Bona Mega® is the revolutionary, oxygen-crosslinking, waterborne wood floor finish for use on heavy-traffic interior residential and commercial floors.

Bona Mega's unique OCP (Oxygen-Crosslinking Polyurethane) formula uses the oxygen in the air as the crosslinker. Bona Mega® is the world's leading waterborne finish, providing exceptional durability, beauty and value.

- Oxygen-crosslinking, 100% polyurethane waterborne formula with extraordinary performance, ease of application and durability
- No limited pot life and no wasted finish
- Natural wood color enhances the beauty of the wood
- Exceptional build and clarity
- Excellent flow and leveling
- Available in gloss, semi-gloss or satin
- This product has a maximum VOC (Volatile Organic Compound) content of 150 grams per liter (1.3 pounds per gallon VOC).
- GREENGUARD certified for indoor air quality
- Fast drying – Approximately 2-3 hours
- Nonflammable and virtually odorless
- Water clean-up

Technical data

Physical Characteristics:

Color – Milky white (wet)

pH – 7.9

Solids – 32.5%

Viscosity – (#4 Ford cup @ 25° C) 18 seconds

Density – 8.75 lbs./gallon (1.05 S.G.)

Packaging – 1-gallon plastic bottle

VOC Compliant – This product has a maximum VOC (Volatile Organic Compound) content of 150 grams per liter (1.3 pounds per gallon VOC).

Gloss Level (60°) >90 for gloss, 45-50 for semi-gloss, 25-30 for satin

Odor – Non-offending

Stability – 1 year shelf life in unopened container

Application Characteristics:

Clarity – Clear when dry

Leveling – Excellent

Drying Time – 2-3 hours

Maximum Cure – 100% after 1 week

Coverage – 500-600 square feet per gallon

Defoaming – Excellent

Percent Cured After 24 Hours – 70%

Recommended Use

- Heavy-traffic residential- kitchens, entryways, family rooms, homes with pets, children and high foot traffic
- Commercial- restaurants, offices, retail stores
- Hospitals, schools and universities, nursing homes

Directions

CAUTION! CONTAINS SMALL AMOUNTS OF PROPYLENE-BASED GLYCOL ETHERS.

Precautions: Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly fitted (NIOSH/MSHA APPROVED) respirator in areas where TLV is exceeded. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN. FIRST AID: In case of eye contact, flush immediately with water and get medical attention; for skin, wash thoroughly with soap and water. If affected by inhalation, remove to fresh air. If swallowed, drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Get medical attention.

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEETS.

FOR TECHNICAL ADVICE: Call Bona US at 800/872-5515

Finishing





COMPATIBILITY: Bona Mega[®] will adhere to most stains and finishes after proper preparation and dry times. Stain, sealer and finish results may vary widely depending on the wood species, especially on oily and resinous Exotics. Bona Mega will appear slightly amber on white, bleached or pastel floors. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY, APPEARANCE AND DESIRED RESULTS.

SANDING AND PREPARATION OF NEW FLOORS: **1.** Sand and prepare floor using accepted industry association methods. **2.** For a stained floor, make your final cut with 80-100 grit paper and screen to 80-100 grit. For an unstained floor, make your final cut with 80-100 grit paper and disc/screen to 120-150 grit. This burnishing will reduce the amount of grain raise. **3.** Use a Tampico Brush on a buffer and vacuum thoroughly. **4.** Tack with a dry Bona[®] Microfiber Mop or cloth to remove dust. **5.** Apply finish system.

THE BONA MEGA[®] FINISH SYSTEM: Apply a Bona sealer or Bona stain and 2 coats of Bona Mega. Follow label directions. Adding a third coat of Bona Mega is recommended in heavy-traffic commercial and residential areas. Visit www.bona.com for additional product information.

RECOMMENDED APPLICATORS: Bona[®] Floor Coater (T-bar), Bona[®] Roller, Bona[®] Cut-In Pad.
NOTE: Use a clean applicator for sealer and a separate clean applicator for finish.

MIXING INSTRUCTIONS: SHAKE WELL BEFORE USING. DO NOT THIN. DO NOT ADD WATER. Insert supplied filter.

FINISHING: **1.** Pour a 4" wide line of finish along the starting wall. Go with the grain of the wood. **2.** Using a pre-dampened T-bar sleeve, draw the applicator forward with the grain of the wood, moving the finish toward the opposite wall. To maintain a wet edge at all times, hold the applicator at a snowplow angle. **3.** At the end of each run, turn the applicator towards you and pad out the applicator parallel to the wet edge. **4.** Feather out all turns. Do not push too hard or too fast to avoid drips flying off the applicator. **5. BE SURE YOU ARE USING THE RECOMMENDED COVERAGE OF 500-600 SQ. FT. PER GALLON. DO NOT SPREAD TOO THIN.** **6.** Allow the first coat to dry 2-3 hours. High humidity and/or low temperature conditions will extend the dry time (recommended conditions of 65-80° F (18°C-27° C) 40-60% relative humidity). **7.** For smoothest results, abrade with a Bona[®] Conditioning Pad before applying final coat. Always vacuum and tack thoroughly with a slightly water dampened Bona Microfiber Mop or cloth after abrading. Allow final coat to dry at least 48 hours before use.

INTERCOAT ABRASION: It is not necessary to abrade between Bona waterborne sealer and finish coats unless more than 48 hours has passed since the previous coat was applied. For smoothest results, abrade between all coats as necessary. When using solvent-based sealers, ALWAYS abrade before finish coats. Always vacuum and tack thoroughly with a slightly water-dampened Bona Microfiber Mop or cloth after abrading.

RECOATING: Be sure floor is free from wax, polish and oily residues. Follow the Bona Prep[®] system, applying 1-2 coats of Bona Mega. If Recoating a Factory Prefinished Floor, DO NOT USE Bona Mega finish. Use Bona Naturale[®] or Bona Traffic[®] finishes with the Bona Prep system. Delamination can occur if the Bona Prep process is not followed; always test for compatibility.

Maintenance

CURING: The curing process takes approximately 7 days, (70% cured after 1 day, 90% after 3 days). Do not replace area rugs until the floor has fully cured. The floor may be walked on after 24 hours, but remains susceptible to scuffing or marring until completely cured. Use only a dry Bona Microfiber Mop or cloth for cleaning during the first week.

CLEAN-UP: Application tools should be cleaned with water and stored in an airtight container.

FLOOR CARE: Put walk-off mats at all entrance doorways to minimize dirt and grit. Sweep or vacuum daily and damp-wipe as needed with Bona[®] Hardwood Floor Cleaner. Use felt pads under furniture legs and appliances.

STABILITY: One year shelf life in unopened container.

STORAGE: Nonflammable - Bona Mega should be stored in a climate controlled environment. KEEP FROM FREEZING. Do not store above 100° F. (38° C)

INGREDIENTS: Water, polymeric resins, propylene based glycol ethers, silica derivate, surfactants.

Please recycle container when empty.