

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
- GREENGUARD certified for indoor air quality
- Fast drying – Approximately 2-3 hours
- Nonflammable and virtually odorless
- Water clean-up
- Available in gloss, semi-gloss, satin and extra matte

Technical data

Physical Characteristics:

Ingredients – Water, polymeric resins, propylene based glycol ethers, silica derivate, and surfactants.

Color – Milky white (wet)

pH – 7.9

Solids – 32.5%

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

US Regulatory VOC – 200 g/L

Gloss Level (60°) >90 for gloss, 45-50 for semi-gloss, 25-30 for satin, 8-10 for extra matte

Odor – Non-offending

Stability – 1 year shelf life in unopened container

Packaging – 1-gallon plastic bottle

Application Characteristics:

Clarity – Clear when dry

Leveling – Excellent

Defoaming - Excellent

Drying Time – 2-3 hours

Coverage – 500-600 square feet per gallon

Percent Cured After 24 Hours – 70%

Maximum Cure – 100% after 1 week

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

BEFORE USING, READ ALL DIRECTIONS AND SAFETY DATA SHEETS.

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

COMPATIBILITY: Stain, sealer and finish results may vary widely depending on the wood species, especially on oily and resinous exotic species. 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, then multidisc with 80-120 grit paper. For an unstained floor, make your final cut with 80-120 grit paper, then multidisc with 120-150 grit paper. 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 Tacking Pad or cloth. 5. Apply Bona Finishing system.

Finishing 



Bona®



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 bona.com for additional product and application information.

RECOMMENDED APPLICATORS: Bona® Floor Coater, 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.

FINISHING: 1. Pour a 6" wide line of finish along the starting wall. Go with the grain of the wood. 2. Using a pre-dampened Bona floor coater, draw the floor coater forward with the grain of the wood, moving the finish toward the opposite wall. To maintain a wet edge at all times, hold the floor coater at a snowplow angle. 3. At the end of each run, turn the floor coater and pull it toward you through the puddle; then pad out the floor coater parallel to the wet edge. 4. Feather out all turns. Do not push too hard or too fast to avoid drips flying off the floor coater. 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/40-60% relative humidity). 7. For smoothest results, see INTERCOAT ABRASION. At a minimum between coats, vacuum and tack thoroughly with a Bona Microfiber Tacking Pad (dry or slightly dampened with water).

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 each coat as necessary, using a multidisc and Bona Diamond 180-240 grit abrasives with Bona Intermediate Pads. Thoroughly clean abraded floor using Bona PowerScrubber® OR vacuum and tack with Bona Microfiber Tacking Pads (dry or slightly dampened with water). When using solvent-based sealers, ALWAYS abrade, vacuum and tack before finish coats.

RECOATING: Be sure floor is free from wax, polish and oily residues. If contaminants are present, use the full Bona Recoat System™ to ensure adhesion. Otherwise, follow the Bona Prep® process. Adhesion failure can occur if these recoating processes are not followed and the floor has not been tested for compatibility.

CURING: The curing process takes approximately 7 days, (75% cured after 1 day, 90% after 3 days). The floor may be walked on after 24 hours, but remains susceptible to scuffing or marring until completely cured. Furniture can be moved back in carefully after 3 days. Do not replace area rugs until the floor has fully cured.

Maintenance

CLEAN-UP: Application tools should be thoroughly cleaned with water and stored in an airtight container. Dispose of any remaining product in accordance with local, state and federal regulations.

FLOOR CARE: Use only a dry Bona Microfiber Mop or cloth for cleaning during the first week. Put walk-off mats at all entrance doorways to keep out excessive dirt and grit. Sweep or vacuum daily and clean as needed with Bona® Hardwood Floor Cleaner. Use felt pads under furniture legs and appliances.

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

Order Information

| Item # | Size | #/Case |
|-------------|------------------------|--------|
| WT130018001 | 1 Gallon - Gloss | 3 |
| WT130318001 | 1 Gallon - Semi-Gloss | 3 |
| WT130618001 | 1 Gallon - Satin | 3 |
| WT133918001 | 1 Gallon - Extra Matte | 3 |