



Bona Mega

ONE COMPONENT, WATERBORNE COATING

Simplicity for medium commercial and heavy domestic wood floors



Widely popular 1K waterborne lacquer with high chemical resistance.

Bona Mega is an oxygen-crosslinking polyurethane finish, ideal for heavy domestic and light commercial areas, offering superb protection against spills. Its innovative formulation has proven perfectly suited to floors with high movement, planks and underfloor heating.

- Great wear-resistance
- Excellent flow and levelling
- Reduced risk of side-bonding
- Great on rich wood



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TECHNICAL DATA

Product type / base:	1-component oil-modified polyurethane topcoat.
Solids content:	approx. 32 %
Sheen at 60°:	Gloss 90 %, Silkmatt 50 %, Matt 25 %, Extra Matt 9 % (on glass).
Dilution:	If required, dilute with 4 % Bona Extender for a longer open time.
Drying time:	Until next coat: 2-3 hours* Light use: 8 hours* Possible to cover: 7 days* *under normal climate conditions, 20 °C / 60 % RH
Application tools:	Bona Roller or Swivel Head Applicator.
Application rate:	8–10 m ² /L (≈100–120 g/m ²).
Giscode:	W3+
Safety:	Unclassified.
Cleaning:	Wipe tools free from residual material before cleaning with a minimum of water, dried material can be removed with acetone, dispose of all waste at an approved waste disposal facility - do not pour down drains or sewers.
Shelf life:	1 year from date of production in unopened original container.
Storage/Transport:	The temperature must not fall below +5 °C or exceed +30 °C during storage and transport. Store in a cool place.
Disposal:	Containers with a minimal amount of dried material may be recycled. All waste must be disposed of at an approved waste disposal facility - do not pour down drains or sewers. Follow all local waste regulations.
Pack size:	10 × 1 litre, 3 × 5 litres
Certificates & standards:	EMICODE EC 2 low emission GREENGUARD EN 13501-1; Reaction to fire EN 71-3: Application on children's toys

Additional detailed information is noted in the appropriate Safety Data Sheet.

PREPARATION

Ensure floor is acclimatised to its end-use environment. The surface must be sanded back to bare wood, dry and free from sanding dust, oil, wax and other contamination. Surface should be pre-treated with a Bona primer prior to the application of Bona Mega.

Allow lacquer to reach room temperature, insert filter and

shake the container vigorously before use. Optimal conditions for use are between 18–25 °C and 30–60 % relative humidity. High temperatures and low humidity shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13 °C.**

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TREATMENT SCHEDULE

Standard protocol untreated wood:

- 1 × Bona Primer ¹
- Light sanding with 150 grit
- 2 × Bona Mega

¹ Bona Mega produces a subtle rich tone which is more noticeable on light wood species and on floors treated with a light stain or whitening primers. Overcoating Bona White

primer with Bona Mega is not recommended if you are looking to achieve a true white look.

Note: It is not recommended to apply more than two full coats of primer and/or lacquer per day due to risk of excessive wood swelling. Ensure good ventilation during drying. Poor drying conditions may reduce product performance and adhesion.

APPLICATION

- 1) Shake the lacquer thoroughly for one minute.
- 2) Apply using a Bona Roller at 8–10 m²/L (≈100–120 g/m²). Roll alternately across and with the grain of the wood avoiding accumulations of product. Always maintain a “wet edge” to avoid overlaps.
- 3) Allow to dry properly before applying further layers. Ensure proper ventilation.
- 4) If necessary, make an intermediate sanding using the Bona Scrad System P150 grit (or finer) and remove dust

before applying a final layer of lacquer. **Note:** If the previous layer of lacquer/primer has been allowed more than 24 hours drying time then an intermediate sanding is always required.

Light foot traffic can be resumed after 8 hours but the surface remains susceptible to scratching and marring until fully cured. Full cure is achieved after approximately 7 days. Do not cover or damp-mop the surface until fully cured.

MAINTENANCE

Cleaning with the correct products is easy. When you choose Bona cleaning and maintenance products you can relax knowing that you have chosen the best possible product to help you care for your floor.

End user maintenance instructions are available at the Bona Mega product page on bona.com. Detailed maintenance instructions are available for both homeowners and professional end users. Please give the end user a digital or print copy.

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IMPORTANT!

- Plasticisers found in materials such as carpet underlays, furniture legs, castors and adhesives used for fixing can lead to softening and discolouration. Exposure to hair dyes or rubber tyres on cars, cycles and baby strollers can lead to permanent, irreversible discolouration of the surface. Use protection or completely avoid contact.
- Spills should be removed promptly. Unattended spills may cause cosmetic stains or damage the surface.
- Please note that whilst Bona lacquers are designed to provide a sealed surface that is resistant to wear, scuffing

and spillage, etc. No surface applied finish system can prevent physical damage to the timber or “harden” the floor. Indentations in the wood and scratches may be caused by furniture, dropped items, dog claws, etc. and steps should be taken to reduce the possibility of this occurring.

- Bona lacquers are non-yellowing and do not change colour due to the effects of UV light. However, Bona lacquers cannot prevent the wood itself changing colour due to tannin bleed, the movement of natural oils or the effects of UV light.

The information in this document and all other advice and recommendations that we provide to help and assist the applicator are based on previous experience and extensive testing but makes no claim to be complete. Because of the wide range of possible uses and conditions of application of our products, we do not relieve users from the need to carry out their own trials or to seek technical advice from Bona before use. Bona can only guarantee its products and not the construction as a whole. Observe recommendations from flooring manufacturer and the provisions of relevant standards.