



# Bona Mega

ONE COMPONENT, WATERBORNE COATING

1K simplicity, 2K performance for medium commercial and heavy domestic traffic.



For offices, small shops, hotel rooms and as a premium choice for homes. Innovative, waterborne, one-component formula, that reacts with oxygen and performs like a two-component. No mixing required, use straight from the bottle. Also very good for plank floors and for floors with underfloor heating.

- 1K simplicity with 2K performance
- No side-bonding, ideal for underfloor heating, plank floors etc.
- Dispersion produced from a large percentage of plant-based oil
- Excellent resistance to scuff marks and common chemicals
- GreenGuard approved for low indoor emissions



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## TECHNICAL DATA

<b>Product type:</b>	1-component oil-modified polyurethane topcoat.
<b>Solids content:</b>	approx. 32%
<b>Sheen (at 60°):</b>	Gloss 90% Silk matt 50%, Matt 25%, Extra Matt 9% (on glass).
<b>Dilution:</b>	If required, dilute with 4% Bona Retarder for a longer open time.
<b>Drying time, until:</b>	Recoating: 2-3 hours* Light use: 8 hours* Possible to cover: 7 days* *under normal climate conditions, 20°C/60% R.H.
<b>Application tools:</b>	Bona Roller or Swivel Head Applicator.
<b>Application rate:</b>	8-10 m <sup>2</sup> /litre (100-120g/m <sup>2</sup> ) per coat
<b>Safety</b>	Unclassified
<b>Cleaning:</b>	Wipe tools free from residual material before cleaning with a minimum of water. Dried material can be removed with acetone.
<b>Shelf life:</b>	1 year from date of production in unopened original container.
<b>Storage/transport:</b>	The temperature must not fall below +5°C or exceed +30°C during storage and transport.
<b>Disposal:</b>	Waste and emptied containers should be handled in accordance with local regulations.
<b>Pack size</b>	10 x 1 litre 3 x 5 litres
<b>Certificates:</b>	EMICODE; EC1 – Very low indoor emissions GreenGuard EN 13501-1; Reaction to fire EN 71-3: Application on children's toys Qualifies for LEED and BREEAM points.

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 thoroughly before use. Optimal conditions for use are between 18-25°C and 30-60% relative air 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:

- |    |                             |
|----|-----------------------------|
| 1x | Bona Primer <sup>1</sup>    |
|    | Light sanding with 150 grit |
| 2x | Bona Mega                   |

<sup>1</sup>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.

**Observe:** 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 8-10m<sup>2</sup>/litre (100-120g/m<sup>2</sup>). 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 seven 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](https://bona.com). Detailed maintenance instructions are available for both homeowners and professional end users. **Please print out a copy of the relevant instructions and give it to the end user.**



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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.

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.