

Bona Wave 2K

TWO-COMPONENT, WATERBORNE COATING



Waterborne 2-component lacquer for surface treatment of wood floors in commercial areas with light to moderate traffic intensity.

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TECHNICAL DATA

Product type / base:	2-component waterborne polyurethane topcoat
Sheen at 60°:	Gloss 85 %, Silkmatt 50 %, Matt 20 %
Mixing ratio:	1 part Wave Hardener to 1 litre Bona Wave 2K (≈4 vol%)
Pot life:	4 hours at 20 °C (shorter if warmer).
Dilution:	If required, dilute with 4 % Bona Retarder for a longer open time.
Drying time:	- Ready for sanding/recoating: 2–3 hours* - Light use: 24 hours* - Full hardness: 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) per coat.
Giscode:	W2/DD+
Safety:	Lacquer: Unclassified. Hardener: Classified. (see Safety Data Sheet).
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:	Coating: 1 year from date of production in unopened original container. Hardener: 18 months 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.
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:	3 × 5 litres incl. hardener (36 boxes per pallet).
Certificates & standards:	EMICODE EC 1 Very low emissions. EN 16165 Annex B - R9 (Matt)

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

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PREPARATION

Prior to application the surface must be pre-treated with a waterborne primer from Bona. Ensure floor is acclimatised to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination. Allow lacquer and hardener to reach room temperature, insert filter and shake the container thoroughly before use.

Optimal application conditions 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.**

TREATMENT SCHEDULE

Standard protocol:

1 × Bona Primer

1 × Bona Wave 2K

Light sanding 150 grit

1 × Bona Wave 2K

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 can and add the hardener component. Immediately shake the mixture vigorously for 1 minute.

Use the mixture directly or at least within 4 hours. If mixing smaller quantities of lacquer, then one section on the hardener bottle corresponds to 1 litre of lacquer.

2) Apply using a Bona Roller or Swivel Head Applicator 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 coats.

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.

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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 Wave 2K product page on bona.com. Detailed maintenance instructions are available for both consumers and commercial end users. Please give the end user a print or digital copy.

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.