

Bona Wave 1K

Technical data sheet

Waterborne 1-component lacquer for surface treatment of wooden floors in domestic areas. Can be combined with a primer or be applied directly to wood.

Technical data

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|---------------------|--|
| Type of finish: | Waterborne 1-component polyurethane/acrylate co-polymer |
| Sheen (at 60°): | Silkmatt 40-45%, Matt 20-25% |
| Dilution: | If required, dilute with Bona Retarder (4%) for longer open time. |
| Drying time, until: | - Ready for sanding/recoating: 2-3 hours* - Light use: 24 hours* - Full hardness: 7 days* <i>*under normal climate conditions, 20 °C/60% R.H.</i> |
| Application tools: | Bona Roller or T-bar applicator |
| Application rate: | 8-10 m ² /litre (120-100g/m ²) per coat |
| Safety | Unclassified |
| Cleaning: | Wipe tools free from residual material before cleaning with a minimum of water. Dried material can be removed with acetone. |
| Shelf life: | 1 year from date of production in unopened original container |
| Storage/transport: | The temperature must not fall below +5°C or exceed +25°C during storage and transport. |
| Disposal: | Wastes and emptied containers should be handled in accordance with local regulations. |
| Pack size | 3 x 5 litres (44 boxes per pallet) |

Preparation

Ensure floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination. Allow lacquer 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 air humidity. High temperatures and low humidity shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 15°C.**

Treatment schedule

| Untreated wood, opt. 1: | Untreated wood, opt. 2:* |
|-------------------------|--------------------------|
| 1x Bona Primer | 1x Bona Wave 1K |
| 1x Bona Wave 1K | Light sanding grit 150 |
| Light sanding grit 150 | 2x Bona Wave 1K |
| 1x Bona Wave 1K | |

*For floors where there is a risk of sidebonding, e.g. endgrain floors, softwood plank floors and hardwood floors with underfloor heating, it is recommended to always use a primer before applying Wave 1K, as well as taking measures to stabilize the climate.

Note: It is not recommended to apply more than two full coats per day due to risk of excessive wood swelling.

Application

Finishing



Bona[®]

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Finishing



1. Apply lacquer using a Bona Roller or Bona T-bar applicator. Roll with a smooth flowing motion alternately across and with the grain of the wood avoiding accumulations of product. Always maintain a “wet edge” to avoid overlaps.
2. Allow to dry before applying another layer of finish. Anticipate slightly longer drying time for each layer that is applied. If necessary make an intermediate sanding using a screen or the Bona Scrad System grit P150 (or finer) and remove dust before applying the final layer of finish. **Note:** If the previous layer of lacquer has been allowed more than 24 hours drying time then an intermediate sanding is always required.

The floor will allow light foot traffic approximately 8 hours after the final application. Allow the surface to dry for at least 1 week before covering with carpets or other floor coverings, or loading with heavy objects. Also avoid damp mopping the floor during this time.

Maintenance

Clean the floor with Bona Cleaner or Bona Wood Floor Cleaner and a microfibre pad. It is suggested that a polish or refresher such as Bona Polish or Bona Freshen Up is applied occasionally to maintain the lustre of the floor and keep the surface protected.

Detailed maintenance instructions are available at www.bona.com/floorcare

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. Bona can only guarantee the delivered product. A professional and thereby successful application of the product is beyond our control. If in doubt make a preliminary test. User is required to read and understand all information contained on package labels and safety data sheets before using this product.