

Bona Mega

Technical data sheet

For offices, small shops, hotel rooms and as a premium choice for homes. Innovative, waterborne, 1-component formula, that reacts with oxygen and performs like a 2-component. No mixing required, use straight from the bottle. Also very good for plank floors and for floors with underfloor heating.

Bona Mega produces a subtle rich tone which is more noticeable on light wood species and floors treated with light stains or whitening primers. Overcoating Bona White primer with Bona Mega is not recommended if you are looking to achieve a true white look.

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



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Type of lacquer:	Waterborne 1-component oil-modified polyurethane topcoat
Solids content:	32%
VOC:	Gloss, silk matt, matt = max 60 g/litre Extra matt = max 80g/litre
Resistance to wear:	5 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Gloss 90%, Silk matt 50%, Matt 25%, Extra Matt 9%
Dilution:	If required, dilute with Bona Retarder (4%) for longer open time.
Drying time, until:	- Ready for sanding/recoating: 2½-3 hours* - Light use: 24 hours* - Full hardness: 7 days* <i>*under normal climate conditions, 20 °C/60% R.H.</i>
Application tools:	Bona Roller
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:	10 x 1 litre (50 boxes per pallet) 3 x 5 litres (44 boxes per pallet)
Certifications:	GreenGuard DIBt; safe building product EN 14904:2006; approved friction for sports floors DIN 18032:2; approved friction for sports floors EN 13501-1; Reaction to fire EN 71-3: Application on children's toys

Finishing



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Preparation

Prior to application the surface must be pre-treated with a waterborne primer from Bona. 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 13°C.**

Treatment schedule

Untreated wood:

- 1x Bona Waterborne Primer
Light sanding grit 150
- 2x Bona Mega

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

Application

1. Apply the lacquer using a Bona Roller. 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. Allow to dry before applying further layers of lacquer. Anticipate slightly longer drying time for each layer that is applied.
2. 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 lacquer. **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 take 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. For maintenance and upkeep of the surface, floors can be overcoated at intervals with additional coats of lacquer. The frequency of this operation can be greatly reduced if Bona Freshen Up or Bona Wood Floor Refresher is applied periodically. This will restore the appearance of a dull floor whilst still allowing further coats of lacquer to be applied without the need for sanding the floor back to bare timber.

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.