

Bona Mega ONE

Technical data sheet

Your one partner in wood floor treatment. Quick to dry, easy to abrade and excellent build characteristics. Bona Mega ONE focuses on simplifying the craftsman's working day for quicker and easier jobs with great reliability. It brings out a nice, warm wood colouration while establishing a long-lasting protection for wooden floors in domestic and medium wear commercial environments. Can be used with or without primer. Clear, non-yellowing formula.

- High build characteristics
- Quick drying
- Excellent sanding properties
- Non-yellowing

Technical data

Type of lacquer:	Waterborne 1-component polyurethane topcoat
Sheen (at 60°):	Silkmatt 40%, Matt 20%, Extra Matt 9%
Dilution:	If required, dilute with Bona Retarder (4%) for longer open time.
Drying time, until:	- Ready for sanding/recoating: 1-2 hours* - Light use: 24 hours* - Full hardness: 7 <u>5</u> 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)
Certificates:	EN 71-3: Application on children's toys

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 13°C.**

Treatment schedule

Alt. 1	Alt. 2
1x Bona Waterborne Primer	3x Bona Mega ONE
Light sanding grit 150	
2x Bona Mega ONE	

Finishing



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Finishing



Note:

- Exceeding more than two full coats per day is not recommended due to increased risk of excessive wood swelling.
- 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 Mega ONE, as well as taking measures to stabilize the climate.

Application

1. Apply 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.
2. Allow to dry properly before applying further layers of lacquer. Anticipate slightly longer drying time for each layer that is applied.
3. Make an intermediate sanding before the final coat using Bona Diamond Abrasives Grit 120 or similar. Remove any dust before applying the final layer of lacquer.

Note: If exceeding 24 hours between coats, the surface should always receive a light intermediate sanding.

The floor will take light foot traffic approximately 8 hours after the final application. Allow the surface to dry for at least ~~1 week~~ **5 days** 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.