BONA MEGA

Bona Mega is a water-based oil-modified polyurethane finish derived from pure, natural vegetable oil. It uses self-crosslinking technology to produce a durable film suitable for protecting wooden floors in domestic areas and lightly trafficked commercial areas. Bona Mega has a low permeability and minimises the possibility of side-bonding effects.

- High resistance to wear, scuff marks and scratches
- Very good chemical resistance
- Meets DIN 18032:2 for slip resistance (gloss, silkmatt & matt)
- GREENGUARD approved for low indoor emissions

Self-crosslinking technology

Technical data

Type of finish:	Water-based 1-component polyurethane topcoat	
Solids content:	~32%	
VOC:	Gloss = 72 g / Lt	Silkmatt = 68 g / Lt
	Matt = 67 g / Lt	Extra matt = 76 g / Lt
Sheen (at 60°):	Gloss ~90%	Silkmatt ~50%,
	Matt ~25%	Extra Matt ~10%
Dilution:	If required, dilute with Bona Retarder (4%) for a longer open time.	
Drying time, until:	- Ready for sanding / recoating: 2½ - 3 hours* - Light use: 24 hours* - Full hardness: 7 days* *under normal climate conditions, 20ºC / 60% R.H. with reasonable ventilation	
Application tools:	Bona Roller	
Application rate:	8 - 10 m^2 / litre 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	5 litres only	
Certifications:	GREENGUARD. EMICODE EC2.	

Preparation

Prior to application the surface must be coated with a Bona water-based primer. Ensure the floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination. Allow the finish to reach room temperature, insert filter and shake the container thoroughly before use.

Optimal application conditions are between 18-25°C and 40-60% relative air humidity. High temperatures and low humidity will shorten the drying time whilst low temperatures and high humidity lengthen drying time.
The minimum temperature for use is 13°C.

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Treatment schedule

Untreated Wood	Previously finished surfaces
1 x Bona Primer	1 – 2 x Bona Traffic HD / Traffic
2 x Bona Mega	(see Overcoating Instruction TDS)

NB. The standard specification for the application of finishes on to a floor sanded back to bare timber is a single application of a Bona primer followed by 2 applications of **the same** Bona top coat. Where Bona products have been used outside of the specifications noted within the product literature Bona can take **no responsibility** for site related issues or the performance of supplied products.

Application

1. Apply the finish 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 coats of finish. Anticipate a slightly longer drying time for each coat that is applied.
2. If necessary, make an intermediate sanding using a screen or the Bona Scrad System (use the finest grit which will achieve the desired result) and remove dust before applying the final coat of finish. **Note:** If the previous coat of finish 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. Avoid damp mopping the floor during this time.

Maintenance

Clean the floor with Bona Wood Floor Cleaner and a microfiber pad. For maintenance and upkeep of the surface, floors can be overcoated at intervals with additional coats of lacquer.

The frequency of overcoating can be greatly reduced if Bona Wood Floor Refresher is applied periodically (TDS for additional information). 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.

Please note that whilst Bona finishes 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.

Bona finishes cannot prevent the wood changing colour due to tannin bleed, the movement of natural oils or the effects of UV light.

Detailed floor care instructions are available at www.bona.com.au

Important notes

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The 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. The User is required to read and understand all information contained on package labels and safety data sheets before using this product.

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