



# BONA MEGA

Bona Mega is a waterborne 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, silk matt & matt)
- Classified EC1 for very low emissions
- Approved by DIBt for better indoor air quality
- NMP and NEP free



Self-crosslinking technology

## Technical data

Type of finish:	Waterborne 1-component polyurethane topcoat
Solids content:	~32%
VOC:	Gloss, silk matt, matt = max 60 g / litre Extra matt = max 80 g / litre
Sheen (at 60°):	Gloss ~90%                      Silk matt ~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, 20°C / 60% R.H. with reasonable ventilation
Application tools:	Bona Roller
Application rate:	8 - 10 m <sup>2</sup> / 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. DIBt; safe building product EN 14904:2006; approved friction for sports floors

## Preparation

Prior to application the surface must be coated with a Bona waterborne 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.**

Bona Mega can, with an addition of Bona Crosslinker, be used for overcoating previously finished floors (use Bona Traffic on factory pre-finished floors). Floors treated with wax, polish or similar cannot be overcoated. Suitable surfaces must be prepared with Bona Prep before coating. Carry out an adhesion test before proceeding.

Add **Bona Crosslinker** to the finish in accordance with the measurements on the bottle and label. Determine the amount of finish required and prepare the amount of Bona Crosslinker to be added; 2% of the Finish quantity.

- Dilute Bona Crosslinker 1:1 with water first as directed.
- Add the Crosslinker / water mixture to the finish within 15 minutes. Shake the finish / **Crosslinker** thoroughly for at least 30 seconds.
- Allow to stand for 5 minutes prior to use.

**Note:** The finish / Crosslinker mixture should be used within 8 hours.

### Treatment schedule

#### Untreated wood:

1 x Bona Primer  
2 x Bona Mega

#### Previously finished surfaces:

1 x Bona Prep System  
1-2 Bona Mega + 2% Crosslinker

**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 microfibre 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. 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.au](http://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.