

Bona Novia

Technical data sheet

Bona Novia is a multi-purpose varnish that can be used directly on untreated wood. It brings out a warm colouration in timber floors and is easy to use thanks to its excellent flow and high application tolerance on bare wood. Bona Novia is formulated primarily for wooden floors in domestic areas and carries the European Ecolabel for its low use of solvents and other dangerous substances. Bona Novia can with advantage also be used for the initial or full treatment of cork floors.

- Uses new innovative, self-crosslinking technology for improved properties.
- Good resistance to wear, chemicals and scuff marks.
- Suitable on both wood and cork floors.
- Non-yellowing
- Quick drying
- Approved by DIBt for better indoor air quality
- NMP and NEP free
- VOC 2010 compliant



Finishing



Technical data

Type of finish:	Waterborne 1-component polyurethane/acrylate dispersion
Solids content:	~30%
VOC:	60 g/litre
Resistance to wear:	~8 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Gloss ~85%, Silk matt ~45%, Matt ~25%
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 days*
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) 2 x 10 litres (24 boxes per pallet)

*under normal climate conditions, 20 °C/60% R.H.

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 varnish and hardener 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 shorten, low temperatures and high humidity lengthen drying time. **Minimum temperature for use is 13°C.**

Bona[®]



Treatment schedule

Untreated wood, opt. 1:

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

Untreated wood, opt. 2:*

- 1x Bona Novia
Light sanding grit 150
- 2x Bona Novia

*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 Novia, 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

1. Apply the varnish 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 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 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. 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 varnish. 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 varnish to be applied without the need for sanding the floor back to bare timber.

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

Important notes

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.