

Bona Novia

Technical data sheet

1-component and waterborne, gives superior protection for floors with normal domestic wear. Has highly forgiving application properties and can be used with our without a primer. Produces an even and warm color and is non-yellowing. Also very good for cork floors.

- Quick drying
- Resists most common household chemicals
- Also suitable for cork floors
- Very low, non-offending odour
- Non-yellowing
- GreenGuard approved for low indoor emissions



Technical data

Type of lacquer:	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*
	<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) 2 x 10 litres (24 boxes per pallet)
Certifications:	GreenGuard DIBt; safe building product EN 13501-1; Reaction to fire EN 71-3: Application on children's toys

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.**

Finishing



Bona[®]



Treatment schedule

Untreated wood, opt. 1:

- 1x Bona 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 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 before applying another layer of lacquer. 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 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.