

Bona Resident Plus

Technical data sheet

Finishing



Bona Resident Plus is a 1-component topcoat for surface treating wooden floors in residential areas and other areas subject to domestic wear. The high viscosity of Bona Resident Plus sustains a full bodied surface while being easy to apply thanks to its excellent levelling properties. Clear, non-yellowing formula, enhancing the natural beauty of wooden floors.

- High resistance to scratches and normal domestic wear
- Full bodied feel
- Very low odour
- Can be used without basecoat
- DIBT approved for its low emissions which contribute to good indoor air quality



Technical data

Type of finish:	Waterborne 1-component polyurethane/acrylate co-polymer
Solids content:	~30%
VOC:	max 52 g/litre (EU-limit = 140 g/litre)
Resistance to wear:	~7 mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Gloss 80-85%, Silk matt 40-45%, Matt 20-25%
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	3 x 5 litres (44 boxes per pallet) 2 x 10 litres (24 boxes per pallet)

Preparation

Ensure floor is acclimatized to its end-use environment, well sanded, dry and free from sanding dust, oil, wax and other contamination. Allow varnish 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.**

Treatment schedule

Untreated wood, opt. 1:

- 1x Bona Waterborne Primer
- Light sanding grit 150
- 2x Bona Resident Plus

Untreated wood, opt. 2:*

- 1x Bona Resident Plus
- Light sanding grit 150
- 2x Bona Resident Plus

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*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 Resident Plus, 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.

Note: For environments which will receive heavier trafficking, additional coat/s may be required. Contact the Bona technical team for further advice.

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 varnish 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. It is suggested that a polish or refresher such as Bona Polish or Bona Freshen Up is applied occasionally to maintain the lustre of the floor and keep the surface protected.

Detailed maintenance instructions are available at www.bona.com

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.

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