

Bona Novia

Technical data sheet

Bona Novia is a one-component waterborne finish for the surface treatment of wooden floors in domestic areas and other areas subject to normal - heavy wear. Bona Novia can be combined with any Bona waterborne primer but also works well applied directly to wood and brings out a warm colouration to many timbers.

Bona is proud to be able to place the EU Ecolabel on Bona Novia. Bona Novia revolutionises domestic wooden floor finishing through its results on the wood, working convenience and environmental impact.

- Easy to use, no primer needed.
- Self-crosslinking, acts as a 2-component product but without requiring any mixing.
- Good resistance to wear, chemicals and scuff marks.
- Non-yellowing.
- Quick drying
- VOC 2010 compliant



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Type of finish:	One component waterborne dispersion containing polyurethane
Solids content:	Approx 30%
VOC:	60g/L
Viscosity:	Approx 20 secs (25°C, FC4)
Resistance to wear:	Approx 8mg/100 revolutions (SIS 923509)
Sheen (at 60°):	Gloss: approx 85%, silk-matt: 45%, Matt: 25%
pH:	Approx 7.8
Mixing ratio:	The product is one component
Drying time, until:	- Ready for sanding: Approx 2hrs hours* - Light use: 8 hours* - Full hardness: Approx 7 days*
Application tools:	Bona roller or lightweight applicator
Application rate:	8-10 M ² /Litre
Safety	Unclassified
Shelf life:	One 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. Do not allow into drains, watercourses or landfills. Empty, clean plastic containers are recyclable.
Pack size	3 x 5 Litres (44 boxes per pallet) 10 x 1Litres (50 boxes per pallet) 2 x 10 Litres (24 boxes per pallet)

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

Preparation

Pre-treat the surface with a Bona waterborne primer or apply Bona Novia directly to the wooden floor. Regardless of which, the surface must be well sanded, dry and free from sanding dust, oil, wax and other contamination. A Bona Screen, Bona Scrad System or abrasive grit 120 should be used for the final sanding of the wood. Best result is obtained by ending with a buffing machine.

Note: Some modified timbers such as e.g. diamond pine and stabilized brown beech may require special treatment. Contact your local technical office for advice.

Finishing



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Treatment schedule

1 x Bona waterborne Primer , 2 x Bona Novia or 3 x Bona Novia

Application

Shake can thoroughly before use and insert accompanying filter into neck of can. Apply the finish evenly, avoiding accumulations of finish. Care should be taken with the first application of product onto bare timber that a uniform level of timber saturation is attained. Always maintain a 'wet edge' to avoid overlaps. Allow to dry properly before applying the next layer. Totally, the floor should receive minimum 3 layers of finish (incl. eventual primer). After the first application a light sanding may be carried out using a screen grit 150 or finer.

Note: The floor and finish temperature must not fall below +13°C during application or drying. Drying times may vary depending on temperature, humidity, applied amount, air flow and absorption of the surface.

Maintenance

The floor will take light foot traffic approximately 8 hours after the final application. After approximately 1 week the finish will be completely cured. The floor may then be cleaned using a neutral cleaning agent and carpets/rugs may be put back.

The Bona Floor Care System is recommended for the continued maintenance of the floor.

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