

Bona Prime Deep

Technical data sheet

Bona Prime Deep is a hardening priming oil made of natural vegetable oils for a warmer wood feel with heightened grain variation. Bona Prime Deep is safe to use and has an exceptionally long open time allowing for a relaxed application without risk of overlaps or uneven colouring. It is also a problem-solver in the treatment of wood species that would otherwise not take waterborne coatings very well, such as cherry, walnut and oak floors with high tannin content.

- Compatible with Bona's waterborne coating systems*
- Produces an enriched appearance with heightened grain variation
- Economic due to low consumption
- Low solvent content
- VOC 2010 compliant

***Note:** Bona Prime Intense must always be used as the initial coat on top of Bona Prime Deep.

Technical data

Type of varnish:	1-component hardening priming oil
Solids content:	~90%
VOC:	max 100g/lit
Dilution:	Do not dilute
Drying time:	Minimum 12 and maximum 72 hours at 20°C/60% R.H.
Application tools:	Stainless steel trowel or buffing machine
Application rate:	Approx 30-40 m ² /litre (depending on application method)
Cleaning of tools:	Tools should be cleaned with white spirit immediately after application. Use acetone to remove dried product.
Safety	Unclassified
Fire risk	Yes (see Safety Data Sheet)
Shelf life:	2 years from date of manufacture in unopened original container
Storage/transport:	The temperature must not fall below +5°C or exceed +25°C during storage and transportation.
Disposal:	Wastes and emptied containers should be handled in accordance with local regulations.
Pack size:	6 x 1 litre (80 boxes per pallet)

Preparations

Ensure floor is acclimatised to its end-use environment. Surface must be sanded back to bare wood, dry and free from sanding dust, oil, wax and other contamination. It is recommended that all joints are filled with Bona Mix&Fill or Mix&Fill Plus to avoid possible bleed back. A Bona Sanding Disc or Screen grit 150 should be used for the final sanding of the wood.

Allow product to reach room temperature and shake the container thoroughly before use. Optimal conditions are between 20-25°C and 40-60% relative air humidity. High temperatures and low humidity shorten drying time, low temperatures and high humidity lengthen the drying time. **Minimum temperature for use is 18°C.**

Precautions!

- Do not use on brused flooring or floors with uneven structure. It is important that all surplus Prime Deep can be removed after the application.
- Greasy, resin rich wood species such as ipé, wenge etc may negatively affect the hardening of Prime Deep. Always perform a test before use, including treatment with varnish, to ensure that adhesion is satisfactory.

Finishing



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Treatment schedule

Untreated wood:

- 1x Bona Prime Deep
- 1x Bona Prime Intense
Light sanding grit 150
- 2x Bona Waterborne Topcoat

Application

1. Apply one thin, even coat of Bona Prime Deep using a stainless steel trowel. Alternatively the whole application can be done using a buffing machine (100-200 rpm). Saturate a cloth with Bona Prime Deep and wrap the cloth around a red pad. Buff the floor with the oily cloth and add more oil as required, be thorough not to not leave any untouched/dry areas. Manually apply Bona Prime Deep to the edges using a cloth or a fine brush. **Recommended coverage rate: 30-40 m²/litre.**
2. Within 15 minutes from the application, remove all remaining surplus material using a Bona Oil cloth wrapped around a clean pad under the buffing machine. **Note:** Failure to remove all surplus product may cause adhesion failure when varnishing.

WARNING: BONA PRIME DEEP CONTAINS DRYING OILS. RISK OF SELF-IGNITION. USED CLOTHS, RAGS AND SIMILAR SHOULD BE PLACED IN WATER OR SEALED METAL CONTAINERS.

3. Allow a minimum 12 but no more than 72 hours drying time. Ensure good ventilation and avoid foot traffic throughout the drying time. The temperature in the room must not fall below 18°C.
4. When the surface is fully dry, buff the floor using a Bona Oil Cloth wrapped around a clean pad. If glossy spots have appeared on the floor then prior to this operation remove the spots by buffing with a red pad.
5. Vacuum or wipe off the floor with a Bona microfibre mop or similar.
6. Apply one coat of **Bona Prime Intense** and let dry.
7. Make an intermediate abrasion to reduce grain raise using the Bona Scrad System P150 or finer (screens are unsuitable due to high aggression).
8. Apply 2 layers of a Bona Waterborne Topcoat of your choice.

Maintenance

Bona Prime Deep should never be used as the final treatment for timber floors

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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