

# Bona Prep

## Technical data sheet

Floor Care



**Bona Prep** is a ready-to-use conditioning/preparation system designed to optimise the adhesion of Bona's varnishes prior to overcoating previously varnished floors or pre-finished parquet. The use of Bona Prep within a system ensures that best possible level of adhesion is obtained combined with a good level of abrasion on the floor surface.

- Optimizes conditions before overcoating with new varnish
- Convenient – pre-mixed and ready to use
- Fast – just spray and buff
- Removes scuff marks and ingrain dirt

### Technical data

pH-value:	Approx. 7
Dilution:	Ready to use. Do not dilute.
Application rate:	Approx. 40 m <sup>2</sup> /litre per application
Safety:	Unclassified
Shelf life:	At least 2 years, from the 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
Pack size:	3 x 5 litres (44 boxes per pallet)

### Preparations

The surface to be treated must be free from oil, wax and other contamination. Floors that have been treated previously with polish, wax or similar must be sanded back to bare wood prior to overcoating. **Always check the intercoat adhesion prior to applying a new layer of varnish!**

#### Make an adhesion test:

1. Prepare a small area in an inconspicuous area of the floor. Sand the surface very gently and clean it with Bona Prep. For extra safety and if the floor is large, prepare a few test areas.
2. Apply a small amount of varnish to the test area(s).
3. After 24 hours scratch the surface with a coin, if the varnish remains firmly attached to the surface, the adhesion is satisfactory. If uncertain about the adhesion it can be worthwhile allowing the varnish another 24-48 hours to dry as the adhesion improves with time. If the adhesion is still not ok after 3 days then the surface cannot be overcoated and must be sanded to bare wood.

After establishing that the floor is in order and that the adhesion is ok, remove loose dust and grit with a vacuum cleaner. If the floor is heavily soiled, clean it first with Bona Cleaner. On lightly soiled floors you may start with the Bona Prep method directly.

### Application

#### Step 1 - Cleaning

- **Semi-manual cleaning**
  1. Spray out Prep on a 5-10 m<sup>2</sup> section and allow it to dissolve the dirt for a few minutes (3-5 minutes). Be moderate with the application if the floor has open gaps.
  2. Scrub the wet section thoroughly using a standard speed buffing machine (150-200 rpm) equipped with a green pad.
  3. Wipe off the dissolved dirt with a mop. Rinse the mop in a bucket with clean water. Replace the cleaning water frequently.
  4. Continue, section by section, until the whole surface has been cleaned.



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5. Allow surface to dry and continue with Step 2 – Abrasion.

- **Cleaning with auto-scrubber**

1. Depending on floor size, fill at least half of the auto-scrubber tank with Bona Prep. Ensure auto-scrubber is clean and not contaminated with polish, wax or similar.
2. Scrub the floor with Bona Prep and a green pad. Adjust the speed of the machine so that the surface is thoroughly cleaned. Check the tank frequently. If the cleaning solution is heavily soiled, replace with new Bona Prep.
3. Allow surface to dry and continue with Step 2 – Abrasion.

### Step 2 - Abrasion

For proper adhesion it is crucial that the surface is thoroughly abraded before overcoating. The surface should be completely matt after the abrasion. It may be necessary to sand by hand to reach all areas of the floor. Floors with on-site-applied varnish are best abraded with a screen grit 150. On pre-finished floors with anti-scratch systems use Bona's Diamond Abrasive System. The Diamond Abrasive System is also a suitable option on floors that are cupped or coned, as it is able to contour very well to the surface.

1. Rub down the surface until it is completely matt.
2. Vacuum and then wipe off the fine dust using a mop or pad dampened with clean water. **Note:** When using Diamond Abrasives, it is necessary to clean afterwards with an auto-scrubber or Diamond Abrasives Cleaning Discs.
3. Allow floor to dry and apply 1-2 layers of varnish.

**On previously on-site-varnished surfaces** use either Bona Traffic, Bona Traffic Anti Slip, Bona Sportive Finish or Bona Mega incl. 2% Crosslinker according to respective product specific instruction.

**On factory UV pre-finished surfaces** only use Bona Traffic, Bona Traffic Anti Slip or Bona Sportive Finish.

Application of varnish should take place within two hours of the floor having been abraded and cleaned. If this is not possible then the system should be halted prior to the abrasion process (step 2) being carried out. It is possible to proceed from this point and complete the system providing this is done within 24 hours.

### Important notes

The above information is provided in good faith and to the best of our current knowledge but makes no claim to be complete. User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, floor 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.

