



INTERIOR



PRIMAFLOOR®

WATERBORNE PRIMER AND STAIN

Product description

PRIMAFLOOR® is a single pack polyurethane acrylic primer for all new and unfinished or stripped wooden floors. Available in Clear and 6 colours PRIMAFLOOR® strengthens the durability and performance of all waterborne varnishes both single and two pack, thereby ensuring optimum performance of the finish coat. Odourless, quick drying, light fast and non-yellowing, PRIMAFLOOR® also prevents tannin bleed and avoids gluing of the wood strips and joints by the finish. PRIMAFLOOR® colours can be intermixed or added to the finishing product to achieve the desired look. PRIMAFLOOR® is recommended for all soft and hardwood floors including exotic hardwoods, parquet flooring, veneered flooring and staircases.

Properties

- Polyurethane acrylic primer - Evens out the woods porosity.
- Strengthens adhesion of the finish, ensuring optimum performance.
- Prevents gluing of sides and joints by the finish - Allows floor boards to expand and contract.
- Ready to use. Quick drying. Odourless.
- Range of 6 colours plus Clear.
- Light fast - Colours do not fade. Clear - Non yellowing.
- Colours can be inter-mixed to achieve the desired look.
- Prevents tannin bleed and staining of the finish from woods rich in tannins and natural oils.
- Compatible with all types of waterborne floor varnish (1 pk and 2 pk).
- Colours can be mixed with OLÉOFLOOR®*, XYLIN* and VEGAFLOOR®*.

Basic uses

- New unfinished and stripped wooden floors and staircases.
- Wooden flooring, parquet and veneered (engineered) flooring.
- Compatible with all wood species including exotic hardwoods.

NB: The natural sugars present in Bamboo and its structure make it difficult to treat. For these reasons we strongly recommend that a test is carried out with PRIMAFLOOR® in a discreet area before treating the entire floor, in order to determine the final result.

Technical data

Finish: Matt.

Vehicle Type: Acrylic resins.

Solvent Type: Water.

Viscosity: Fluid.

Specific Gravity (at 20°C): 1.02 ± 2.

Physical State: Liquid.

Solid Content: 18% ± 2.

pH: 8.5 ± 0.5.

Flash point: Non-flammable.

Shelf Life: 1 year in its original unopened container.

Container Size: 1 L, 2.5 L, 10 L. (Colours only available in 1L size).

Colour:



Colourless



Antique White



Antique Grey



Walnut



Medium Oak



Mahogany



Ebony

NB: The milky appearance of PRIMAFLOOR® Colourless disappears as the product dries.

Drying (data at + 20°C and 50% relative humidity):

- Dry: 2 hours.
- Re-coat with PRIMAFLOOR®: 1-8 hours.
- Re-coat with finish: 2-12 hours.

VOC: EU limit value for this product (cat. A/i): 140 g/l (2010). This product contains max 51 g/l VOC.

Application tools

High quality synthetic brush.

10 mm (3/8 inch) Medium pile synthetic roller (Polyamide or Polyester).

Floor applicator pad - synthetic/microfibre.

Floor coater.

Spray: Airless, HVLP.

Surface preparation

General directions:

Surfaces must be dry, clean, free of dirt, grease and other surface contamination including previous coatings. PRIMAFLOOR® can only be applied to bare wood surfaces. ALL other finishes MUST be completely and thoroughly removed.

Always clean meticulously with a vacuum cleaner after each sanding, including any dust traps (skirting, radiators, pipes, window sills, etc).

Sand wooden floor using appropriate system and abrasive grades, depending on condition of surface and wood species. Use an edge sander for edges, a mechanical hand sander, chisel or scraper for corners.

Cracks of 2 mm wide or less should be filled with LIANFLOOR®* and sanding resumed with 80 or 100 grit paper depending on the last grit used.

Finish with finishing grade up to grit No. 120 or 150 depending on the wood species and thickness of wear layer.

If required treat new or old bare wood with TMU 84* to protect against fungal attack and blue stain prior to applying PRIMAFLOOR®.

Sanding grades
(change only one sanding grade at a time):

Coarse grades			Medium grades			Finishing grades			
24	30	36	40	50	60	80	100	120	150

New Wood Surfaces:

Degrease surface with denatured alcohol, acetone or similar solvent based product.

Prepare and sand surface as instructed in "General Directions" above.

Previously treated surfaces (oiled or polished):

Previously oiled or polished surfaces should be dry stripped with CDKP® 90*.

After stripping degrease surface with with denatured alcohol, acetone, white (mineral) spirit or similar solvent based product.

Prepare and sand surface as instructed in "General Directions" above.

Previously coated surfaces (varnish, paint, stain):

Remove existing finish by sanding or stripping with CDKP® 90*.

After stripping degrease surface with with denatured alcohol, acetone, white (mineral) spirit or similar solvent based product.

Prepare and sand surface as instructed in "General Directions" above.

Good application practice

- Protect everything that does not have to be coated.
- Remove all furniture and furnishings.
- Remove plants and flowers. Remove or cover fish tanks.
- Compatible with wood that has previously been treated with TMU 84*.
- Mix carefully before application. **Do not shake.**
- Use as is. Do not dilute.
- Do not apply at an ambient air and wood temperature of less than 10°C or greater than 25°C.
- Only apply PRIMAFLOOR® to wood surfaces whose moisture content is 15 % or less.
- Never sand primed or stained wood prior to applying the finishing coat.
- In all cases, comply with the applicable standards.
- To avoid product drying to fast do not open windows during application of PRIMAFLOOR®.
- PRIMAFLOOR® colours may be mixed with a maximum of 10% PRIMAFLOOR® Colourless or water to create a translucent stain.
- Do not mix with solvent based stains or sealers.

Note: If product is shaken, allow to stand for 2 hours before using.

Application

- Facing the light and starting opposite the door so as to work towards it. Apply an even and generous coat of PRIMAFLOOR® ensuring a uniform level of timber saturation to avoid colour variation. Always maintain a wet edge to avoid overlaps.
- Start with a brush at the edges, then do the remaining surface working in areas of 2 m by 2 m.
- Allow to dry for 2 hours depending on the ambient conditions.
- For exotic hardwoods or woods high in tannins a 2nd coat of PRIMAFLOOR® may be applied. This provides a greater seal against tannin staining and bleed.
- To accentuate a colour a 2nd coat may be applied 2-8 hours after the 1st coat.

Coverage

10-15 m²/l per coat.
Actual coverage will vary depending on method of application, texture and porosity of surface.

Clean-up

Water.

Storage

Store away from frost and high temperatures.

General information

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **OWATROL International** is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country.
The information above is correct at the date of issue.
All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.

Safety

Keep out of the reach of children. Do not breathe vapours. Avoid contact with skin. If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label.

MSDS available at www.owatrol.pro

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* Same manufacturer