



INTERIOR



VEGAFLOR®

WATERBORNE HIGH PERFORMANCE VARNISH

Product description

VEGAFLOR® belongs to the new generation of environmentally friendly, water-based products. Quick drying and odourless, it is a single pack waterborne polyurethane resin finish that offers excellent resistance to both mechanical and chemical abrasion. Giving long lasting protection to all wooden flooring subject to normal to heavy traffic use it is ideal for staircases, dining rooms, lounges, and other similar rooms. Being water resistant, VEGAFLOR® is the perfect solution for areas of high water content such as bathrooms and kitchens. Beautifying and maintaining the woods natural appearance, VEGAFLOR® can be applied to all types of wood including exotic hardwoods.

Properties

- Polyurethane resin varnish. Non-slip.
- Protects and enhances the natural beauty of the wood.
- Maintains the woods natural colour.
- Easy to use. Quick drying.
- Excellent mechanical and chemical resistance, including ammonia based products.
- Colourless - Odourless.
- Non-yellowing and resistant to light.
- Protects and enhances staircases, parquet flooring, veneered flooring...
- May be tinted with PRIMAFLOOR®* or a universal colourant (max 5%).
Always test tinted product on a small area first to determine final colour and result.
- May be applied over previously solvent or waterborne varnished surfaces.

Basic uses

- All wooden floors, new and old including parquet flooring, veneered (engineered) flooring and staircases.
- All soft and hardwoods including exotic hardwoods.
- Ideal for:
 - **Normal traffic:** bedrooms, lounges, bathrooms...
 - **Heavy traffic:** corridors, stairs, dining rooms, kitchen...

Technical data

Finish: Matt, Satin or Gloss.
Vehicle Type: Acrylic polyurethane resin.
Solvent Type: Water.
Viscosity: Fluid.
Specific Gravity (at 20°C): 1.04 ± 0.05.
Physical State: Liquid.
Solid Content: 39% ± 2.
pH: 8.5 ± 0.5.
Flash point: Non-flammable.
Resistance to wear (Taber Abraser): Dry film loss = 24.3 mg.
Sensitivity to domestic products: Good.
Shelf Life: 1 year in its original unopened container.
Container Size: 1L, 2.5L, 5L, 10L.
Colour: Colourless.
Drying (data at +20°C and 50% relative humidity):

• Dust dry: 2 hours.	• Normal use: 24 hours.
• Touch dry: 3-4 hours.	• Intensive use: 2 weeks.
• Sandable: 4 hours.	• Final hardness: 2 weeks.
• Re-coat: 4-12 hours.	

Note: Where the DURCISSEUR UFL* hardener is added to VEGAFLOR® then drying times should be extended by 1 hour.
VOC: EU limit value for this product (cat. A/g): 140 g/l (2010). This product contains max 50 g/l VOC.

Application tools

High quality synthetic brush.
 10 mm (3/8 inch) Medium pile synthetic roller (Polyamide or Polyester).
 A high speed paint stirrer should be used for mixing, when DURCISSEUR UFL* hardener is added to VEGAFLOR®.

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 (min 15°C if DURCISSEUR UFL* hardener is added).
 - Only apply VEGAFLOR® to wood surfaces whose moisture content is 15% or less.
 - Never sand primed or stained wood prior to applying finishing coat.
 - In all cases, comply with the applicable standards.
 - To avoid product drying to fast do not open windows during application of VEGAFLOR®.
- Note:** If product is shaken, allow to stand for 2 hours before using.

Surface preparation

General directions:

Surfaces must be dry, clean, free of dirt, grease and other surface contamination including previous coatings. VEGAFLOOR® can only be applied to bare wood surfaces or wood surfaces previously finished with VEGAFLOOR® or a solvent or waterborne floor varnish in good condition. 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. 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. Prime all bare wood surfaces with 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 varnished surfaces in good condition:

Clean floor meticulously with SPACENETT®*. Repeat procedure if required. Sand surface with grit No 100 or 120 to remove surface imperfections and dull existing finish. Meticulously vacuum surface.

Previously treated surfaces in poor condition:

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.

Application

- Facing the light and starting opposite the door so as to work towards it, apply a first even and generous coat of VEGAFLOOR®. Always maintain a wet edge to avoid overlaps.
 - Start with a brush at the edges, then do the remaining surface with a roller, working in areas of 2 m by 2 m.
 - Do 3 criss-cross passes in one application.
 - Allow to dry for 4 hours depending on the ambient conditions.
 - Sand floor (grit No. 150 to 180) to dull the surface and aid adhesion of the 2nd coat.
 - Apply 2nd coat of VEGAFLOOR®. Do not leave more than 12 hours between application of the 1st and 2nd coat.
- Tip:** To increase VEGAFLOOR®'s performance it may be reinforced with the hardener DURCISSEUR UFL*.
- Add 10% DURCISSEUR UFL* to the 2nd coat of VEGAFLOOR®.
 - Carefully mix the two products, for a minimum of 2 minutes.
 - Leave to stand for 5 minutes.
 - Use mixed product within 4 hours.

Recommendations after application

- Wait at least 48 hours before replacing any furniture. Protect base of feet with soft pads.
- DO NOT cover varnished floors with carpets or protective covers for a minimum of 15 days after application of VEGAFLOOR®.

Coverage

6-7 m²/l per coat
Actual coverage will vary depending on method of application, texture and porosity of surface.

Cleaning and maintenance

CLEANING

- Regularly clean the floor with a brush or vacuum cleaner.
- For the first 15 days, VEGAFLOOR® may be cleaned with SOAPCLEAN* and a very well wrung out mop, there after clean with SOAPCLEAN* in the normal manner.
- DO NOT clean VEGAFLOOR® with SPACENETT®* for at least 15 days after application.

MAINTENANCE

Total restoration:

- Clean floor meticulously with SPACENETT®*.
- Sand the area with a fine grade abrasive (grit No 150).
- Clean meticulously with a vacuum cleaner.
- Apply 1 or 2 coats of VEGAFLOOR® as required, to protect and restore the look of the floor.

Patch repairs:

Depending on the level of wear and tear to the original coating, localised touch-ups are possible.

- Clean surface thoroughly.
- Sand the area with a fine grade abrasive (grit No 150).
- Clean meticulously with a vacuum cleaner.
- Apply a coat of VEGAFLOOR® blending in to areas which still have a good finish.
- For badly worn areas a 2nd application may be required; this should be applied as directed under "Application" instructions above.
- Areas retaining a good finish do not need a maintenance application.

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**

Issue Date

February 2012.

* Same manufacturer