



FLOOR VERNIS

CLEAR METAL FLOOR VARNISH

Description	FLOOR VERNIS is a single pack clear metal floor varnish, enriched with polyurethane-modified alkyd resins for added durability. It is for use on new or oxidised metal floor structures where the natural look of the metal surface is to be maintained. Resistant to both mechanical and chemical abrasion FLOOR VERNIS is easy to apply and hardwearing.
Properties	<ul style="list-style-type: none"> • Decorates and Protects. • Hardwearing – Excellent resistance to wear, abrasion and scratches. • Anti-slip • Expands and contracts with the structure – No peeling. • Easy application. • Washable. • Maintains the natural look of the surface.
Basic uses	<ul style="list-style-type: none"> • Interior. • New or oxidised metal surfaces. • Corridors, Offices, Stairways, Floors....
Technical data	<p>Classification: Family 1 - Class 4a (in accordance with NBT 22-003 and NFT 36-005 classifications). Finish: Satin. Vehicle Type: Polyurethane-modified alkyd resins. Solvent Type: White Spirit. Viscosity: Semi-fluid liquid. Specific Gravity at 20°C (68°F): 0.945 ±0.05. Flash point: > 60°C (140°F). Solid content: 58% ± 3. Drying Times (at 20°C (68°F) and 50% RH):</p> <ul style="list-style-type: none"> • Touch dry: 5 hours. • Recoat: 24 hours. • Final Hardness: 3 weeks. <p>Container size: 0.75L, 2.5L. Shelf life: 2 years minimum in original, unopened packaging. Colour: Clear. VOC: EU limit for this product (cat A/e): 400 g/L (2010). This product contains a maximum of 400 g/L.</p>
Good application practice	Cover and protect everything you do not wish to coat. Apply between 10°C (50°F) and 30°C (86°F). Do not apply to hot surfaces. Ensure room is well ventilated.
Application tools	Brush. Short pile (Mohair) Roller.
Surface preparation	<p>Surfaces must be clean, dry and free of all grease, oil, salt and other surface contamination. Use an appropriate solvent depending on the substrate and contamination e.g. PURATROL*, Acetone, Water etc. to clean the surface and prior to any of the following preparation processes.</p> <p>Ferrous Metals (New or Rusted): Remove all traces of mill scale, rust, rust scale and other foreign matter by blasting, grinding or mechanical abrasion. Round off any sharp edges to allow better film build. Remove all preparation residue by vacuum cleaner, air blower or stiff clean brush. If required and desired wipe over surface with a cloth soaked in a fast flash off solvent e.g. Acetone (NOT White Spirit) to remove any remaining dust residue. Allow to dry. Apply an application of OWATROL® OIL* and allow to dry.</p> <p>Non-ferrous Metals (New or Oxidised) Abrade surface using appropriate grade abrasive paper or a phosphoric passivating solution e.g. PURATROL* (See "Dilutions"). For Aluminium surfaces ensure abrasive is compatible. Abraded surfaces should be thoroughly dusted off and wiped with a cloth, soaked in a fast flash off solvent e.g. Acetone (NOT White Spirit) to remove any remaining dust residue. Allow to dry. Apply an application of OWATROL® OIL* and allow to dry.</p> <p>Rusted Surfaces (To maintain the rust appearance) Remove all loose and flaking rust back to a sound surface and edge by wire brush or scraping Thoroughly dust off. Apply OWATROL® OIL* to saturation and allow to dry.</p> <p>Previously Coated Surfaces Remove all previous coatings by suitable means - blasting, grinding, mechanical abrasion or stripping e.g. DSP 800* to restore the surface to its original condition. After stripping neutralise the surface with Acetone or warm water. Allow to dry. If required abrade surface with appropriate grade abrasive. Thoroughly dust off. Apply an application of OWATROL® OIL* and allow to dry.</p> <p>Note: Where the surface is rinsed with water, allow to dry 24 to 72 hours before applying OWATROL® OIL*.</p>

Dilutions	PURA-TROL* 1 PART PURA-TROL* to 5 parts water. Apply by cloth or brush. Leave to work 5-10 minutes. Rinse thoroughly and allow to dry.
Application	Use as is. Do not thin. Stir well before and during use. Apply 1st coat of FLOOR VERNIS and allow to dry 24 hours. Sand surface with 280 grit abrasive and thoroughly dust off. Apply 2nd coat of FLOOR VERNIS. Note: Adding OWATROL® OIL* to FLOOR VERNIS, makes brushing easier and gives FLOOR VERNIS even greater flexibility, further reducing the risk of peeling and cracking.
Recommendations after application	Wait a minimum of 72 hours before replacing any furniture. Protect base of feet with soft pads. Do not cover the varnished surface with carpets or protective covers for a minimum of 15 days after applying FLOOR VERNIS.
Coverage	15m ² (161ft ²) per litre per coat. Actual coverage will vary depending on application method, texture, age and porosity of the surface.
Cleaning and Maintenance	Cleaning: Clean surface regularly with a brush or vacuum cleaner. For the first 3 to 15 days FLOOR VERNIS may be cleaned with a gentle soap cleaner e.g. SOAPCLEAN* compatible with floor varnishes and a very well wrung out mop, there after clean in the normal manner. Do not use aggressive chemical cleaners for at least 3 weeks after applying FLOOR VERNIS to remove grease and any other type of dirt that has accumulated on the surface. Maintenance FLOOR VERNIS in good condition: Sand surface with 280 grit abrasive and thoroughly dust off. Apply 1 st coat of FLOOR VERNIS with 25% OWATROL® OIL* added. Allow to dry 24 to 48 hours. Apply 2 nd coat of FLOOR VERNIS. FLOOR VERNIS in poor condition See "Previously Coated Surfaces" in "Surface Preparation" above. Apply FLOOR VERNIS as directed in "Application" above.
Clean-up	Clean all tools and equipment with White Spirits while still wet. If allowed to dry, remove with paint stripper.
Storage	Keep from freezing and high temperatures. Store in original container and close lid tightly after use. Small left over quantities should be transferred to a smaller, airtight closed metal or glass container to prevent gelling.
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	Refer to the safety data sheet (MSDS) available at www.owatrol.com and text on the packaging. Keep out of the reach of children.
Issue date	October 2017

* Same manufacture

The information set out cons are purely illustrative and are not the responsibility of the manufacturer, the application of products not made under his supervision.