



HEAVY DUTY FLOOR VARNISH

REVOLUTIONARY CROSS LINKED, GLASS CLEAR POLYMER COATING.

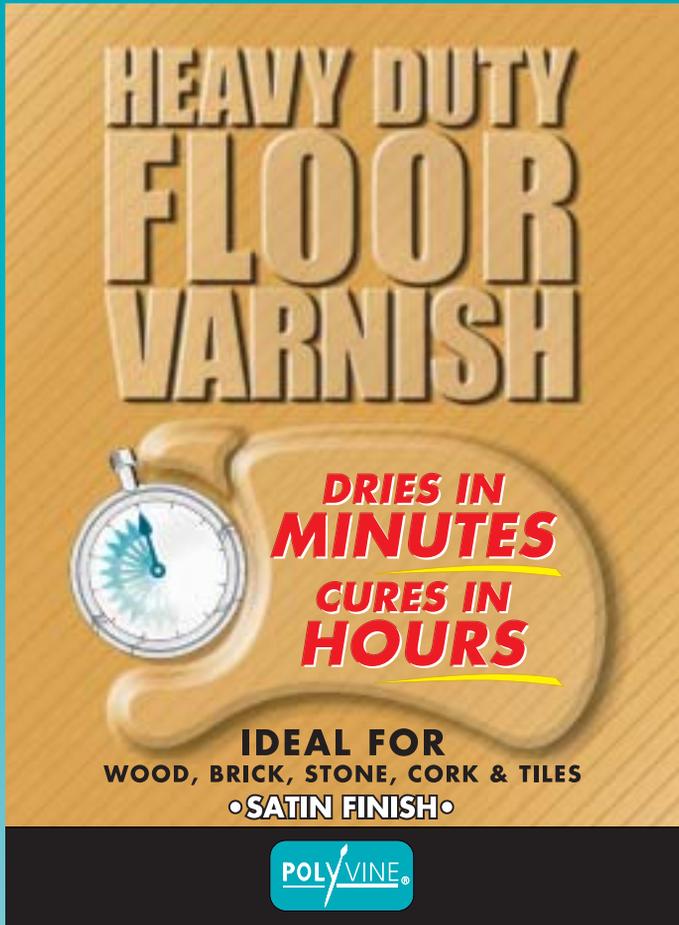
FORMULATED TO GIVE A HEAVY DUTY, INDUSTRIAL GRADE FINISH, THAT DRIES AND CURES FASTER THAN OTHER COATINGS

UNIQUE BENEFITS:

- The Highest Level of Floor Protection
- The Hardest One Pack Coating Available
- Faster Drying and Curing than alternative Coatings
- Ready for Trafficing in 16 Hours
- Much Greater Resistance to Marking than Other Coatings

PROPERTIES:

- Glass Clear,
- Heavy Duty Durability,
- Fast Drying,
- Heat, Water & Chemical Resistant,
- Water Wash Up,
- Fast and Easy to Apply, Cures in Hours



Resistances to:	Polyvine Heavy Duty Floor Varnish (cl/pu/ac)	Brand Leader Clear coat (pu/ac)	Acrylic Clear coat	Spirit Based
Ethanol	5	4+	0	4+
Tea	5	4+	3	4+
Coffee	4	3+	4	3+
Detergent	5	5	1	5
Hot wet pan	5	3	0	5
BHMR. (16hrs)	5	0	1	1
Other Properties				
Non yellowing	5	3	5	3
Hardness	5	5	2	5
Clean up	5	5	5	0
Time to full cure (50% rh. 20°C / 60°F)	16 hrs	3/5 days	5 days	2 days

0 = poor. 5 = good. BHMR = Black heel mark resistance.

IDEAL FOR USE ON THESE SURFACES:

INTERIOR WOODEN FLOORS, QUARRY TILES, CORK TILES/ SLATE, WOODEN WORK SURFACES, BAR TOPS, BRICK, STONE



Product	Heavy Duty Floor Varnish
Description	Heavy duty, glass clear, cross linking polymer floor varnish.
Sheen Level	Satin.
Containers	1L, 4L. US Quart, US gal.
Surface Preparation	<p>Ensure all surfaces are clean and free from grease, oil, dirt, wax or polish prior to application. Caution – floors can be impregnated with wax and grease – these will cause failure and must be removed.</p> <p>New Wood Sand the surface in the direction of the grain. Use an industrial sander if there is evidence of surface damage from the planing or preparation of the timber.</p> <p>Old Wood Will require an industrial sander to ensure all contaminants are removed. Sand to new wood finish. Clean thoroughly after sanding.</p> <p>New Painted Wood Must be lightly sanded to ensure a key. Apply to a test area to ensure compatibility.</p> <p>Old Painted or Varnished Wood Good Condition: Apply as 'New Painted Wood'. Poor Condition: Remove completely with an industrial sander to a new wood finish. Clean thoroughly after sanding.</p>
Application	<p>Ensure Heavy Duty Floor Varnish is well mixed. Porous surfaces, apply a priming coat of H.D. Floor Varnish diluted 50/50 with water. Apply 2-3 coats (undiluted) as required using a good quality brush, roller or spray. Ensure that each coat is dry before the next is applied.</p> <p>On bare wood lightly sand the first coat to remove grain raising if required.</p>
Uses	For a high level of protection against wear and marking on interior wood floors, quarry tiles, cork tiles, slate, wooden work surfaces, brick and stone.
Coverage	Approx. 15/20 sq. m per litre, 160/215 sq. ft per US qt
No of Coats	3 coats
Drying Time	15mins-1 hr, depending on temperature
Recoat Time	2hrs – 4hrs
Curing	Allow 16 hrs in ideal conditions (Low humidity above 15C/60F). Allow up to 48 hrs if conditions are not good. Allow several days before completely covering with floor covering (carpet).
Cleaning	Clean tools/equipment with warm soapy water, rinse well with clean water, allow to dry naturally.
Flammability	No fire hazard before or during use, or in the cured state.
Storage	Protect from extremes of temperature during storage and application.
Thinning	50/50 with water as priming coat on porous surfaces.
Health Safety and the Environment	Non-hazardous. Ensure good ventilation. Keep out of reach of children. Contact with eyes-wash immediately with warm water. Remove excess from tools and mixing vessels before washing in warm soapy water. Do not empty containers into drains or water courses.
Caution	<p>The application of Heavy Duty Floor Varnish over porous substrates can draw contaminants and stains through the film.</p> <p>Solid floors (stone, slate, brick and tile) and wooden floors must be above 5C/40F during application</p>

The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to access the suitability of the product on a test area before application.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	-	Milky liquid
Odour	-	Mild
PH	-	8.0
Boiling point	-	Approx. 100C (as water)
Flammability and Autoignition temp		N/A
Vapour pressure	-	23 mbar as water
Water solubility	-	Fully miscible
Relative density	-	Approx. 1.03 at 20 C (ISO 8962)

10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

INHALATION - May be irritating to respiratory system

INGESTION - May be harmful if swallowed

SKIN CONTACT- may cause skin irritation

LONG TERM EXPOSURE - No information available

12. ECOLOGICAL INFORMATION

Do not empty into waters and drains.

13. DISPOSAL INFORMATION

Product recommendation: Do not allow into drains or watercourses.

Empty containers are to be disposed according to official rules.

Contaminated packaging recommendation: Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to approved recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. TRANSPORT INFORMATION

This product is not classified hazardous for transportation.

15. REGULATORY INFORMATION

EEC Hazard Classification - None

The product contains only substances, which are on the European Inventory of Existing Chemical Substances (EINECS).

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is based on data provided by sources considered to be reliable. This data is intended to enable safety assessment to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications.

Further information may be obtained from:

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