



TECHNICAL DATA SHEET

PRODUCT : POLYVINE INTERIOR HEAVY DUTY WOOD VARNISH

PRODUCT DESCRIPTION

Polyvine Interior Heavy Duty Wood Varnish is a white homogeneous liquid, which is composed of a water based dispersion of cross-linking polyurethane acrylic copolymer with surfactants, waxes, and rheology modifying agents.

Polyvine Interior Heavy Duty Wood Varnish is ideal for use on: wood surfaces; tables, bookshelves, chairs, desks, kitchen cabinets, work surfaces, to give an extremely hard clear protective coating with a high degree of heat, water, chemical and abrasion resistance.

Dries to a satin finish, which is capable of withstanding heavy wear and abrasion after one day drying and curing, in such areas as Homes, Hotels, Restaurants and Bars.

SURFACE PREPARATION

Ensure the surface to be coated is clean and free from grease, wax or polish. White spirit or sugar soap should be used as cleaning agents. Sugar soap should be rinsed off well with clean water and allowed to dry. If water has been used on bare wood this would raise the grain. The surface then needs to be sanded and vacuumed before coating. Newly painted wood should first be sanded to provide a key. Interior Heavy Duty Wood Varnish should not be applied over uncured oil base paint as this may cause discoloration. Older painted wood, where the paint itself may fail, should be stripped using a hot air gun or a chemical paint stripper, sanded and cleaned prior to coating. When applied over an emulsion/latex paint, it is possible that Interior Heavy Duty Wood Varnish can draw certain stains through the paint which were not otherwise visible. In this case a stain sealer should be used.

APPLICATION

Interior Heavy Duty Wood Varnish can be applied by brush, spray or roller. Apply 2 or 3 coats. On softwood, light sanding in between coats may be necessary, if there is any raising of the grain. Allow 2 hours in between coats and 24 hours after final coat before full use. Do not use in temperatures below 5degrees C/40degrees F or in very high humidity. Lower temperatures will slow the final cure time.

COVERAGE

Up to 20sqm/L---200sqft/USQT per coat depending upon the porosity of the substrate.

CLEAN UP

Any equipment used can be cleaned using soap and water before the clear coat dries. Wipe any excess off surfaces with a damp cloth. Any dried deposits will need a paint stripper to remove them.

Resistances to:	Polyvine Interior Heavy Duty Wood Varnish (pu/ac)	Brand Leader Varnish (pu/ac)	Acrylic Varnish	Spirit Based Varnish (pu)
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
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 Degrees C)	16hrs	24-48 hrs	5days	2days

0 = poor. 5 = good.

FILM PROPERTIES

DRY FILM: Satin

DRYING TIME: approx. 30 minutes @ 20degrees C / 70degrees F

CURE TIME: approx. 16 hours @ 20degrees C / 70degrees F

HARDNESS: approx. 150 sec Konig hardness

BHMR: excellent @ 16hours

NON YELLOWING

RESISTANT TO: Water, tea, coffee, alcohol, detergent, wet hot pans, etc.

PACKAGING

1L, 2L, 4L. US Quart, US gal. Plastic containers.

STORAGE

Store in unopened containers in a cool dry place away from direct sunlight.

HEALTH SAFETY AND THE ENVIROMENT

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 watercourses.

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 assess the suitability of the product on a test area before application

Further information may be obtained from:

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