

# TECHNICAL DATA SHEET

## INTERIOR EXTREME VARNISH

### DESCRIPTION

Polyvine Interior Extreme Varnish is composed of a water-based dispersion of cross-linking polyurethane copolymer with surfactants, waxes, and rheology modifying agents.

The latest UV filters and absorbers reduce greying, aging and deterioration of surfaces. Biocides protect against mildew, mould and fungus.

Dries in minutes and cures in 16 hours.

An ultra hard, high-quality varnish that dries to a crystal-clear film for interior surfaces requiring a high level of protection such as working surfaces and areas of high wear.

Polyvine Interior Extreme 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 finish, which is capable of withstanding heavy wear and abrasion after 16 hours curing, and is self-extinguishing.

### FOR USE ON

**Internal wood • doors • wooden worktops • tabletops • furniture • kitchen cabinets • shelving • wood panelling and other surfaces, in such areas as Homes, Hotels, Shop fitting, Restaurants and Bars**

### AVAILABLE FINISHES

Satin for depth and a soft sheen, dead flat for a completely shine free surface.

### UNIQUE SELLING POINTS

Highly chemical resistant, cures in 16 hours, very fast drying and recoating, highly stain resistant, water resistant, highly heat resistant, industrial level of finish.

### SURFACE PREPARATION

All surfaces must be clean and free from dust, dirt, oil/resins and contamination.

### APPLICATION

Ensure the product is well mixed but do not shake (inverting the container several times allows the particles to distribute evenly throughout the varnish) creating a uniform solution.

Ensure the surface to be coated is clean and free from grease, wax or polish. If water has been used on bare wood this would raise the grain. The surface then needs to be sanded and vacuumed before coating.

Use a Polyvine varnish synthetic brush, recommended, or by conventional spray or HVLP spray or Gloss Roller. Roller, take care, stippling may occur, do not apply pressure this will generate air bubbles in the varnish.

Thinly apply 2 to 3 coats with a Polyvine brush. On porous surfaces dilute the first coat with 10% water.

For a dead flat finish with high durability (water, stain, abrasion, resistance), apply 2 coats of satin followed by one of dead flat.

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As with all water-based coatings, do not apply at temperatures below 8°C (as recommended by British Standard BS 6150). Or above 30°C.

For a high level of protection and stain resistance apply 2 coats of satin, then 1 coat of dead flat.

## CAUTION

Apply dead flat finish sparingly and brush out well, over application could result in misting. Always apply to a test area before starting work. Care must be taken when applying in high temperature or direct sunlight as this will affect drying time. Do not continuously submerge in water. Test for compatibility before application. Not suitable for exterior application.

Spills should be promptly removed. Unattended spills may cause cosmetic staining and potentially damage the surface.

Plasticisers found in materials such as carpet underlays, furniture legs, castors and adhesives used for fixing can lead to softening and discolouration.

Appearance may vary according to the colour and type of substrate and the number of coats.

RESISTANCES TO:	POLYVINE HEAVY DUTY EXTREME VARNISH (PURE PU)	BRAND LEADER VARNISH (PU/AC)	ACRYLIC VARNISH	SPIRIT BASED VARNISH (PU)
ETHANOL	5	4	0	4
TEA	5	4	3	4
COFFEE	5	3	4	3
DETERGENT	5	4	1	4
HOT WET PAN	5	3	0	4
OTHER PROPERTIES				
NON YELLOWING	5	4	5	2
HARDNESS	5	4	2	4
CLEAN UP	5	5	5	0
TIME TO FULL CURE (50% RH. 20 DEGREES C)	16hrs	48 hrs	5 days	2 days

0 = poor. 5 = excellent

## COVERAGE

Coverage 15-20 sq. m per litre, 160-215 sq. ft per quart depending on the porosity of the substrate.

## NUMBER OF COATS

See Application section

**Cure Time:** 16 hours @ 20°C / 70°F

**Drying Time:** 45+ minutes

**Recoat Time:** 2 hours

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## PACKAGING

100ml, 1L, 2L, 4L, US Quart, US gal. plastic containers.

## STORAGE

Protect from extremes of temperature during storage and application.

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

Shelf Life: Many years in tightly sealed container.

## HEALTH SAFETY AND THE ENVIROMENT

Non-hazardous Keep out of reach of children. Contact with eyes - wash immediately with warm water.

If swallowed, seek medical advice immediately and show the container or label.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

## CLEAN UP EQUIPMENT

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 Polyvine Varnish and Paint Remover to remove them.

## DISPOSAL

Look for special facilities locally. Do not empty into drains or watercourses.

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The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. A professional and thereby successful application of the product is beyond our control. Always make a preliminary test. The User is required to read and understand all information contained on package labels and safety data sheets before using this product.

## MANUFACTURED IN THE UK BY

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For technical and recycling info visit our website **[polyvine.com](https://polyvine.com)**

EU VOC limit 130g/L 2010 (cat A/e) contains 44g/L

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