

TECHNICAL DATA SHEET

P.DS.035 (FB-NC SERIES) REV04/05/2023

SOLVENT BASED

YES WOOD INTERIOR VARNISH 05



Yes Wood Interior Varnish 05 is a high quality, hard-wearing, linseed oil-modified alkyd varnish with a gloss finish. It has been specifically formulated to provide scratch and water-resistant qualities for use on interior natural wood surfaces.

USES

Interior

Ideal for use on all new or previously treated or coated interior wood furniture and woodwork where waxes, oils, varnishes, or sealers may have been used. Use on chairs, wood paneling, dressing tables, wardrobes, walls, and other furniture pieces, doors, door frames and bannisters.

FEATURES & BENEFITS

- High gloss
- Excellent mar and abrasion resistant
- Excellent water resistance
- Excellent grain filling properties
- Suitable for new surfaces and previously painted surfaces
- Lead content, less than 90 ppm

TECHNICAL DATA

PHYSICAL FORM	Flammable viscous liquid containing pigments
COLOUR	Clear
FINISH	Smooth, Glossy
POLYMER TYPE	Modified alkyd resin
PIGMENTS	Weather and light resistant types only
VISCOSITY AT 23 °C	25 ± 10 sec Fc4
SG AT 23 °C	0.89 ± 0.05 kg/L
SOLIDS	By Mass = 44 ± 2%, By Volume = 36 ± 2%
FILM THICKNESS	WFT = 70 - 100 µm, and DFT = 25 - 35 µm
SPREADING RATE	Approximately 10 – 14 m ² /ℓ per coat depending on the substrate condition and porosity
DRYING PROPERTIES	Surface or touch-dry: 4 hours @ 23°C. hard dry: 12 - 16 hours @ 23°C.
RECOATING TIME	12 hours @ 23°C depending on WFT and conditions during drying
PACKAGING	5ℓ
MIXING & THINNING	Stir the contents thoroughly with a flat paddle before use Ready for use by paint brush or super fine roller application. If required to reduce viscosity add a minimum quantity of mineral turpentine (NB: DO NOT add water) Recommended spray application viscosity for conventional and airless spray equipment: 17 - 20 Sec FC4. Mineral turpentine additions will vary for different applications

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CLEANING

Clean all tools (brushes, rollers, and spray equipment) while wet with mineral turpentine after use

APPLICATION METHOD

Apply using a suitable brush, super fine roller and airless spray

SURFACE PREPARATION

Thoroughly clean and prepare the wood surfaces by removing all dust, dirt, grease, grime, and any loose contaminants.

SOLID AND VENEERED TIMBER OR MEDIUM DENSITY FIBREBOARD(MDF):

New Surface: Wood must be dry, clean, and free from any contamination.

Prior to application, sand the surface to a smooth finish with fine sandpaper, working in the direction of the grain. Round off any sharp edges. Ensure substrate is then free of dust using dry compressed air or a lint free clean cloth.

Recommended sandpaper grit:

- 150 - 180 grit sandpaper for raw wood.
- 320 - 400 grit sandpaper for foil, melamine, filler-coated / primed substrates intermediate lacquer sanding.

If coating for a high gloss finish, intermediate sanding with 600-800 grit sandpaper is recommended.

Fill surface defects, holes etc. using wood filler. Sand the surface of the wood with coarse sandpaper followed by progressively finer grades until a desired smooth finish is achieved. Remove all dust by blowing and wiping with a damp cloth. Leave to dry.

Use a suitable knot sealer to prevent the possibility of resin bleeding into the varnish. Allow to dry.

Previously varnished surfaces in good condition: Wood must be dry, clean, and free from contamination. Lightly abrade the surface with a 100 - 120 grit sandpaper to produce a matt effect, followed by progressively finer grades to produce the desired smooth finish. Remove dust using a damp cloth then allow to dry.

Previously Varnished Wood in Poor Condition: Remove old varnish by stripping with Promac Paint Stripper, then rinse with clean water. Sand in the direction of the grain using 80 - 120 grit sandpaper, followed by finer grades to produce the desired smooth finish. Remove dust with a dry, clean lint free cloth, then wipe with mineral turpentine before application.

Previously Waxed or Oiled Surfaces: Mechanically remove evidence of residue and wipe down with lacquer thinners and a mutton cloth to remove weathered material and restore to an even appearance. Multiple wipes may be required. Hereafter treat as per new surface.

Previously Painted Wood Surfaces: Surfaces which are cracked, discoloured, weathered or flaking must be completely stripped back to bare wood, either by sanding or with a Promac Paint Stripper. Wipe the surface down with lacquer thinners & a mutton cloth and allow to dry. Sand smooth with 80 - 120 grit sandpaper, followed by successively finer grades to produce the desired smooth surface. Remove dust with a dry, clean, lint free cloth, then wipe with mineral turpentine before applying varnish.

PLEASE NOTE THE FOLLOWING:

Sandpaper grits are a general recommendation and should be used as a guide only.

All additional products advised for use during surface preparation must be used & applied in accordance with that which is stated within the relevant product's data sheets.

APPLICATION**By brush or super fine roller:**

Apply the first coat following a 1:1 dilution of the product with mineral turpentine. Allow at least 12 hours drying time. Sand the first coat lightly. Intermediate sanding of 600-800 grit sandpaper is recommended between coats of **Yes Wood Furniture Wax 05** to achieve the desired gloss effect. Dust off with a damp cloth. The second and third coat should not be diluted!

By airless spraying:

Apply the first coat. If it is necessary to reduce viscosity, add a minimum quantity of mineral turpentine (NB: DO NOT add water). The recommended spray application viscosity for conventional and airless spray equipment is 17 - 20 Sec FC4. Allow at least 12 hours drying time. Sand the first coat. Intermediate sanding of 600-800 grit sandpaper is recommended between coats of **Yes Wood Furniture Wax 05** to achieve the desired gloss effect. Apply two to three coats following the same procedure mentioned for the first coat.

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DO NOT PAINT

1. If the temperature is below 10°C or above 35°C
2. If the surface is damp (10% moisture maximum)
3. If it is raining or rain is forecast or the relative humidity exceeds 55%
4. Before 09h00 and after 16h00 during winter

HEALTH & SAFETY

Keep away from heat, sparks, open flames and hot surfaces. Prohibit smoking during use. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fumes, gases, mist vapours or spray. Wash hands thoroughly after handling product. Wear protective gloves, clothing, eye protection and face protection. If swallowed, call your doctor.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.