

TECHNICAL DATA SHEET

P.DS.040 (FB-NC SERIES) REV01/05/2023

SOLVENT BASED

YES WOOD MARINE VARNISH 60

Yes Wood Marine Varnish 60 is a UV resistant and water repellent varnish. The product has great adhesion properties to most sound, suitably prepared wood surfaces.



USES

Interior & Exterior

Suitable for new and previously painted wood surfaces. Ideal for yachts, boats, gates, garage doors, tables, and window frames.

FEATURES & BENEFITS

- High Gloss
- Extremely tough & flexible
- Forms a water-resistant coating
- Excellent all-weather and UV resistance
- Mar and abrasion resistant
- Lead content, less than 90 ppm

TECHNICAL DATA

PHYSICAL FORM	Flammable liquid
COLOUR	Clear
FINISH	Smooth, Gloss
POLYMER TYPE	Modified alkyd
VISCOSITY AT 23 °C	Approx. 65 ± 5 KU
SG AT 23 °C	Approx. 0.90 ± 0.05 kg/L
SOLIDS	By Mass = 50 ± 2%, By Volume = 41 ± 2%
FILM THICKNESS	WFT = 90 - 110 µm, and DFT = 37 - 45 µm
SPREADING RATE	Approximately ±10 m ² /ℓ per coat. Surface porosity, profile, application tools and technique will affect practical spreading rate
DRYING PROPERTIES	Surface or touch-dry: 4 hours @ 23°C, Hard dry = 18 hours @ 23°C. Overcoating: 24hrs Full cure: 7 days
RECOATING TIME	Overnight 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 brush or 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
CLEANING	Clean all tools (brushes, rollers, and spray equipment) while wet with Mineral turpentine after use

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APPLICATION METHOD Apply by brush or fine roller or conventional spray

SURFACE PREPARATION

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

SOLID TIMBER OR MEDIUM DENSITY FIBREBOARD (MDF):

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

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

150 - 180 grit sandpaper with raw wood

320 - 400 grit sandpaper with foil, melamine, filler-coated / primed substrates and for intermediate lacquer sanding

600 - 800 grit sandpaper is recommended for intermediate sanding between coats.

Fill surface defects, holes etc. using wood filler. Sand the surface of the wood with coarse sandpaper followed by successively finer grades to produce a smooth surface. Remove all dust by blowing and wiping with a damp cloth. Leave to dry. Seal knots using a suitable knot sealer to prevent the possibility of resin bleeding into the varnish. Allow to dry.

Previously Varnished, Waxed, Oiled or Painted Wood: Wood must be dry, clean, and free from any contamination.

Previously Varnished Surfaces in Good Condition: Lightly abrade the surface with a 100 – 120 grit sandpaper to produce a matt effect, followed by successfully finer grades to produce the desired smooth finish. Remove dust using a damp cloth then allow drying.

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 successfully finer grades to produce the desired smooth finish. Remove dust with a dry, clean, lint free cloth, then wipe with xylene before applying.

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

Previously Painted Wood Surfaces: Wood surfaces which are cracked, discoloured, weathered, or flaking, must be completely stripped back to bare wood, either by sanding or with Promac Paint Stripper. Wipe the surface down with xylene and 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 xylene 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

Apply one coat 50% diluted with xylene, allow to dry as directed under drying times.

Sand first coat lightly as mentioned above. Dust off with a damp cloth. Allow to dry.

Apply 2 to 3 coats to achieve the desired finish.

The varnish may be sprayed after dilution with xylene as recommended.

DO NOT PAINT

- If the temperature is below 10°C or above 35°C
- If the surface is damp (moisture reading above 10%)
- If it is raining or rain is forecast or humidity exceeds 55%
- Before 9h00 and after 16h00 in the winter

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HEALTH & SAFETY

The product contains a flammable solvent. Precaution must be taken to prevent naked flames coming in contact with vapours (i.e. smoking must be prohibited). Solvents may also cause narcotic effects if the vapour concentration is too high: always ensure adequate ventilation (do not use solvent-based paints in a poorly ventilated or closed space). Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately. Wash product off skin before it has dried using soap and water.

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.

