

PRODUCT DATA SHEET

Reviewed 01/02/2016



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Aqua-Var Marine Varnish

SECTION A:	DESCRIPTION An extremely hardwearing exterior varnish suitable for harsh outdoor environments. Good chemical, water, mar and scuff resistance with good stability. Environmentally friendly, non yellowing, low odour, UV resistant durable gloss varnish. Lead free with low VOC.
SECTION B:	COMPOSITION Styrene emulsion based.
SECTION C:	PHYSICAL PROPERTIES Colour: Clear, Light Oak, Dark Oak, Teak, Mahogany Appearance: Milky Transparent Gloss: 40 - 45% @ 85° Viscosity: 45 - 50 Ku @ 25°C S.G.: 0.88 - 0.92 Mass Solids: 23 - 28% Volume Solids: 19 - 24% Shelf Life: 12 Months Storage Conditions: Normal Pack Size: 1l, 5l
SECTION D:	APPLICATION PROPERTIES Method: Brush, airless spray or roller Spreading Rate: 6 - 8m ² /l (depending on surface porosity) Number of coats: 2. (3 as required for optimum performance or particularly porous substrates) Drying Time @ 25°C: Hard 4hrs (depending on moisture and humidity). Allow 14 days to cure before moisture Overcoating Time @ 25°C: 1hr Thinning: Not Applicable Cleaning Solvent: Water Recommended systems: As described above Dry Film Thickness: 40 microns per coat
SECTION E:	PRECAUTION Flash point: Water-based Toxicity: See M.S.D.S.
SECTION F:	SURFACE PREPARATIONS Not suitable for use above old varnish, strip all old existing varnish back to bare wood. Sand with 100 grit sandpaper to open the wood grain to ensure adequate penetration into the wood substrate. WOOD SURFACE Apply with a brush, or smooth sponge or short haired Mohair roller (spray application not recommended). Thin first coat with 20% water for better penetration into the wood. Sand with 320 grit sandpaper and then apply the second and third coats. Drying time is 1 hour between coats (at 25°C). Apply a minimum of 2 coats. (3 as required for optimum performance or particularly porous substrates). Allow 12 hours to dry completely (this may be longer if the temperature is below 25°C or with high humidity). MAINTENANCE Once yearly it is recommended to lightly sand and apply a maintenance coat for maximum protection and durability.
SECTION G:	NOTE Not suitable as a plaster primer. Not suitable for gypsum plaster or rhinolite. No guarantees is implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.