



Waterbased Varnish

PRODUCT DESCRIPTION

Premium quality water based wood varnish for use on wood.

PRODUCT FEATURES

Ideal for use on most wooden surfaces such as garage doors, shutters, window frames, doors, garden furniture, gates etc.
Easy to apply, quick drying and non-hazardous.
Environmentally friendly. Low odour .
Has built in UV stabilisers and dry film biocides which make it ideal for outdoor applications, providing long lasting service and weather protection.
Excellent resistance to stains and repels water and moisture from penetrating the coating.
Excellent adhesion to new and previously painted wood.

TECHNICAL INFORMATION

Colour: Dries to transparent film in various natural colours
Appearance: Milky, white liquid
Generic type: Acrylic emulsion
Pigment type: Transparent Iron Oxides
Spreading rate: 8 – 10 m²/ litre depending on surface
Solvent: Water
Mix ratio: Single pack ready for use
Packaging: 1 litre, 5 litre, 20 litre plastic Containers

SURFACE PREPARATION

All surfaces must be clean, dry and sound. Remove any oil, grease, mortar droppings, etc.

NEW WOOD:

Sand in the direction of the grain, to a smooth finish with P150 paper. Remove dust with a damp cloth.

PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION:

Sand to a Matt finish to create a key. Remove dust with a damp cloth.

PREVIOUSLY VARNISHED WOOD IN BAD CONDITION:

Remove old varnish by sanding or by using Paint Stripper.
Rinse thoroughly with fresh water. Sand to a smooth finish.
Remove dust with a damp cloth.

WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE:

Mechanically sand until there is no evidence of residue. Remove dust with a damp cloth.

NOTE: Do not thin Waterbased Varnish - ready for use.

APPLICATION

Use as supplied, do not dilute. 3 coats depending on surface porosity.

Airless spray: Use as supplied.
Nozzle pressure: 150 – 200 bar
Nozzle orifice: 0.013" - 0.015"
Conventional spray: Not recommended
Brush : Use as supplied, do not dilute
Clean up: Do not allow to dry on or in equipment, wash immediately with water

ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature: Min. 5°C Max. 40°C
Ambient temperature: Min. 5°C Max. 40°C
Relative humidity: Min.0% Max.85%

Or at least 3°C above Dew point

Do not leave container open when not in use, as a skin forms on the surface.

DRYING TIME

Substrate Temp	Touch Dry	Hard Dry
5°C	4 hours	18 hours
15°C	2 hours	12 hours
20°C	1 hour	4 hours
25°C	30 minutes	2 hours
30°C	15 minutes	1 hour

OVERCOATING TIMES

5°C 16 hours
15°C 8 hours
20°C 4 hours
25°C 2 hours
30°C 1 hour

STORAGE AND HANDLING

Store away from direct sunlight & severe cold. Do not store below 10°C. Shelf life: 18 months in original sealed containers

LIMITATIONS

At no time should Waterbased Varnish be applied outdoors in inclement weather or before 9am & after 3pm in winter.
Caution :When coating exterior wood special attention must be given to the adequate sealing and coating of the end grain.
NB: Freshly painted windows, doors and gates must be allowed to dry for at least 12 hours at 23 °C before closing.
Exterior wood subject to severe climatic conditions and un-seasonal weather should be re-varnished every 1 – 2 years to prevent substrate degradation.

SAFETY PRECAUTIONS

No known problems resulting from contact with skin, however remove as soon as possible with soap and water.
Avoid ingestion and contact with eyes. If ingested seek Medical attention. Do not induce vomiting. If paint contact is made with eyes, rinse eyes well with water and seek Medical attention.
Ensure good ventilation during painting and drying.

KEEPOUTOFREACHOFCHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.
It is not to be considered a guarantee of the products properties.

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