

Enviro Waterbased Varnish

Technical Data Sheet



Product description

Premium quality water based wood varnish for use on wood.

Intended Uses

Ideal for use on most wooden surfaces such as garage doors, shutters, window frames, doors, garden furniture, gates etc.

Product Features

- 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

Product Information

Appearance	Milky in wet state but dries to a clear finish in various natural colours. Satin finish.
Colours	Standard colours as per colour card
Volume Solids	32%
Viscosity @ 23 °C	Approx. 105 KU
Recommended DFT	40 µm per coat
Recommended WFT	125 µm per coat
Theoretical spreading rate	8 m ² /L @ 40 µm per coat (on smooth surfaces)
Practical Spreading Rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.

Application Details

Mixing	Stir thoroughly with a flat paddle until homogeneous and occasionally during use.
Method	Brush application recommended.
Thinning	Do not dilute. Ready for use.
Cleaning	Water
Drying time	Touch dry: 30 min @ 23 °C Over coating: 2 h @ 23 °C

Application environment

Surface Temperature	Ambient Temperature	Relative Humidity
Min: 10 °C	Min: 10 °C	Min: 10%
Or 3 °C min. above dew point		
Max: 50 °C	Max: 35 °C	Max: 85 %

Storage and Packaging

Store away from direct sun, heat and severe cold

Packaging: 1L and 5L plastic containers.

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. For more information contact our Factories:
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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 and allow to dry.

PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION:

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

PREVIOUSLY VARNISHED OR PAINTED WOOD IN BAD CONDITION:

Remove old varnish or paint by sanding or by using Paint Stripper. Rinse thoroughly with fresh water. Sand in the direction of the grain, to a smooth finish with P150 paper. Remove dust with a damp cloth and allow to dry.

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

Use a solution of Superclean to clean all traces of waxes and oils. Mechanically sand until there is no evidence of residue. Remove dust with a damp cloth. Sand in the direction of the grain, to a smooth finish with P150 paper. Remove dust with a damp cloth and allow to dry.

DISCOLOURED OR WEATHERED WOOD:

Remove discoloured or weathered wood by sanding with a P100 grit sandpaper. Remove dust with a damp cloth. Sand in the direction of the grain, to a smooth finish with P150 paper. Remove dust with a damp cloth and allow to dry.

Application

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

Do not apply in a dusty environment. Always apply first coat by brush. Allow to dry for at least 4 hours. Sand lightly in between coats to de-nib. Remove dust with a damp cloth and allow to dry. Repeat second and third coats in the same manner.

Always apply at least 3 coats to new and old wood.

Caution

Wood previously coated or varnished with a wax sealer should preferably not be varnished if all traces of the wax sealer or oil could not be removed.

When coating all 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.

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Safety Precautions

Keep out of reach of children.

Ensure good ventilation during application and drying.

Do not pour paint down the drain

In case of skin contact, wash with soap and water or a recognised skin cleaner.

Avoid contact with eyes. In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

Refer to Safety Data Sheet for complete information.

Disclaimer

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

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