

Description

One component high gloss varnish, based on poly-urethane modified alkyd resin. Contains UV absorbers and HALS to protect the wood against decomposition and weather discoloration. Its excellent flow and application properties result to a flawless mirror-like finish.

Suggested uses

As a high gloss protective clear coating on any type of solid wood, marine plywood or as a maintenance product over aged varnish. For protection of any wood type in marine applications, above the waterline. Exterior and interior use.

Product details

Available shades: Transparent Yellow
Specific gravity: 0,91+ 0,05 g/ml
Sheen level @ GU 60°: High Gloss
Thinning range: 0-50% Thinner 800
Typical thickness: 35 µm DFT / 65 µm WFT
Shelf life (20°C): 3 years
Theoretical spreading rate (35 µm DFT): 15,4 m²/L
Volume solids: 54%
VOC (as supplied according to ISO 11890-2:2013): 430 g/L
Packaging: 0,75 L, 2,5 L

Overcoating / Drying

Overcoated with	Surface Temperature							
	5°C		15°C		20°C		35°C	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
MAJESTIC Gloss	36 h	1 mon	24 h	21 d	20 h	15 d	18 h	15 d
MAJESTIC Satin	36 h	1 mon	24 h	21 d	20 h	15 d	18 h	15 d

Touch dry @ 20°C ISO 1517 - 1973	Through dry @ 20°C ISO 9117-1990
3 h	24 h

min=minutes / h=hours / d=days / mon=months

Surface preparation

Wash the surface with a suitable detergent (e.g TEAK DEFENDER Cleaner) for oily woods or wipe clean with thinner 800 for previously varnished surfaces or bare wood. Remove detergent (if applied) with fresh water. Allow the surface to dry. Always sand before application with P100-220 on bare wood or P280-320 on varnished surfaces. Sand along the wood grain. Remove dust.

Application guidelines

Temperature: The temperature of the surface to be coated should be at least 3°C above the dew point. Good painting practice must always be followed.

Minimum application temperature is 5°C. Maximum application temperature is 35°C (For temperatures over 35°C special measures should be taken). Do not apply at a relative humidity (RH) exceeding 85%. Pls. consult your VEMAR representative.

The temperature of the product in the can must be between +10°C- +35°C.

The ideal temperature, in order to obtain full product application characteristics, is +20° C. Avoid painting in direct sunlight.

Moisture content: A maximum acceptable wood moisture content of 16% should be kept prior to application.

Mixing: Mix thoroughly until a Homogenous mixture is achieved.

Method: Brush / Roller / Conventional spray. The applicator should choose the appropriate method taking into consideration the area to be covered the desired finish result, environmental issues, weather conditions, project's schedule, and available equipment. You may find below indicative adjustment according to the application method used. For brush application always use a clean preferably natural bristle brush, to obtain the best results. For Roller application use the "roll & tip" method using a clean natural bristle brush to avoid air being entrapped into the layer. For more information on the appropriate equipment and guidance pls. contact your local VEMAR representative.

Method	Brush/Roller	Conventional/Air spray
Thinning*	0-50%	20-50%
Tip orifice*	-	HVLP 1,8-2,0 mm
Pressure (@ tip)*	-	1,5-2,0 bar
Pump ratio*	-	-

**The above information is indicative and may be used as guidance only. Actual values may differ according to actual prevailing conditions.*

Recommended specification (application by brush)

Bare wood:

Layer	Product	Thinner		When through dry sand with
		Roller/ Brush	Conventional/ Air Spray	
1st	Majestic Gloss	50% THINNER 800	50% THINNER 800	P220
2nd	Majestic Gloss	25% THINNER 800	25% THINNER 800	P220
3rd	Majestic Gloss	15% THINNER 800	20% THINNER 800	P280
4-8th	Majestic Gloss	0-5% THINNER 800	20% THINNER 800	P400

A total of minimum 5 layers is recommended to achieve best results.

Varnished or sealed surfaces:

Layer	Product	Thinner		When through dry sand with
		Roller/ Brush	Conventional/ Air Spray	
1-4th	Majestic Gloss	0-5% THINNER 800	20% THINNER 800	P400

The final finish result will depend on the application technique used. Always follow Vemar's recommendations regarding Nr. of Layers, dry film thickness, thinning & sanding to ensure the desired finish.

Indicative thickness / coat

Application method	DFT* Range	WFT* Range
Conventional / Airless spray	45-50 µm	85-90 µm
Brush / Roller	35-40 µm	65-75 µm

*DFT= Dry film thickness WFT= Wet film thickness

The above data indicates the range where the product has been tested thus will provide the application characteristics and the performance as described. Application in thickness outside the indicative range may result in early failure/degradation of the coating system.

Tool cleaning

After use, clean equipment thoroughly with Thinner 800.

Storage

Store in a cool and shaded area in temperatures +5°C up to +25°C. Storage in temperatures higher than indicated will reduce the shelf life of the product.

Health, safety & protection

Always use appropriate safety equipment for your face, eyes and skin. Make sure that the area where the product is being used is well ventilated. ALWAYS CONSULT THE MATERIAL SAFETY DATA SHEET BEFORE USE. Do not pour the containment or any remains in an aqueous environment or drainage. Do not dispose remains in municipal waste areas. Consult your local authorities for the disposal of any remains or empty cans.

Disclaimer

The information, data, guidance and any recommendations provided herein are based on Vemar's know-how, laboratory testing and obtained experience and is correct to the best of our knowledge. Users should contact their closest Vemar representative in order to receive guidance according to their special application needs not referred in this document. The performance of the product under the actual conditions of any intended use where Vemar will not have access to the various conditions affecting the use and application of the product, is not guaranteed and must be determined by the user. This document may be altered any time in the context of Vemar's continuous improvement and development. The supplied products and all technical assistance will be under the General condition of sales & delivery. By using this product as recommended in this document it is stated that the manufacturer and or seller, and the buyer and or user waives all claims involving, any liability, included but not limited to negligence, injury or direct or consequential losses or damages.