



MEGAVAR® PLUS

HIGH SOLIDS WATER WHITE CONVERSION VARNISH 1M.630X (1A.5300 CATALYST)

Features

- Very High Solids Content
- 8 – 12 Hour Pot Life
- Ready To Spray Viscosity
- Self-Sealing
- Resists Moisture
- Resists Chemicals

Recommended For

Wood Floors, Bar Tops, Office Furniture, Displays & Fixtures, Kitchen Cabinets, Bathroom Vanities, Commercial Cabinets

General Description

Lenmar® 1M.630X series, MegaVar® Plus High Solids Catalyzed Conversion Varnish, is a completely reformulated conversion varnish, using ultra-low formaldehyde reactant resins and the newest of additives. These are designed for the professional woodworker who demands maximum performance and clarity in a finish. Once catalyzed, these fast drying, non-yellowing varnishes offer superior protection against moisture and household chemicals. The high solids formula builds to a beautiful and exceptionally durable film that will fully cure within 2 - 3 days after the final coat. These varnishes require the addition of 174 mL of 1A.5300, Catalyst (4.6%) per 3.79 L. Only catalyze enough varnish that will be applied in an 8 – 12 hour period. These varnishes are recommended as self-sealing finishes over properly prepared interior wood surfaces.

Limitations

- Entire system not to exceed 5 mils dry.

Product Information

Colours — Standard:

Gloss / Sheen Levels

1M.6301 Flat:	7-13	@ 60°
1M.6302 Dull-Rubbed:	15-20	@ 60°
1M.6304 Satin:	35-40	@ 60°

May be tinted with 144/844 type Industrial Colorants up to 237 ml per 3.79 L.

— Tint Bases:

N/A

— Special Colours:

N/A

Certifications & Qualifications:

The products supported by this data sheet contain a maximum of 550 grams per litres VOC /VOS excluding water & exempt solvents. This product is not compliant for field applications.

Technical Assistance:

Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-800-361-5898 or visit www.lenmar-coatings.ca

Technical Data

Clear/Satin

Generic Type	Conversion Varnish
Pigment Type	N/A
Weight Solids (mixed as recommended)	50% ± 1.0%
Volume Solids (mixed as recommended)	42.6% ± 1.0%
Coverage per 3.79 L at 1 mil DFT	63.5 sq. m. (683 sq. ft.)
Recommended	– Wet
Film Thickness	– Dry
	3 – 5 mils 1.3 – 2.1 mils
Coverage calculation does not include spray loss or equipment inefficiency. Also allow for wood species, surface preparation, surface defects and porosity of substrate to affect spread rates.	
Dry Time @	– To Sand
25 °C (77 °F)	– To Recoat
	25 – 35 Minutes 30 – 45 Minutes
Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.	
Dries By	Chemical reaction
Viscosity @ 25 °C (77 °F) (mixed as recommended)	20 – 25 Sec (#2 Zahn)
Flash Point	14.4 °C (58 °F)
Gloss/Sheen	See Colours / Standards Section
Surface Temperature	– Min.
at application	– Max.
	20 °C (68 °F) 32.2 °C (90 °F)
Thin With	1A.406 Lacquer Thinner
Clean Up Thinner	1A.406 Thinner / 1A.101 Acetone
Mixed Ratio (by volume)	174 mL per 3.79 L
Pot Life @ 25 °C (77 °F)	8 – 12 Hours
Weight Per 3.79 L (mixed as recommended)	3.7 kg (8.2 lbs)
Storage Temperature	– Min.
	– Max.
	10 °C (50 °F) 32.2 °C (90 °F)

Volatil Organic Compounds (VOC)

550 Grams / Litres*
* Satin Catalyzed

◇ Reported values are for Clear/Satin. Contact your dealer/distributor for values of other bases or colors

MegaVar® Plus High Solids Conversion Varnish 1M.630X

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>.

Application

ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 5 MILS DRY. LENMAR PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

The 1M.630x series is ideally used as a two-coat, self-sealing finish over new wood. However, if a separate sealer is desired, apply one coat of 1C.380 precatalyzed vinyl sealer according to label directions; let dry, scuff sand, and follow with one coat from the 1M.630x series. If self-sealing, apply two coats only of the 1M.630x series, scuff sanding between coats. For both systems, select the desired sheen from the 1M.630x series, shake well, then add 4.6% 1A.5300, Catalyst (174 mL per 3.79 L). This is a two-component product and must be catalyzed.

ENTIRE SYSTEM SHOULD NOT EXCEED 5 MILS DRY.

Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 150-grit sandpaper and remove all dust. Mixing thoroughly, gradually add catalyst. Apply by spray only at ambient temperatures above 20 °C (68 °F). Check with equipment manufacturer for settings to achieve proper atomization. If necessary, use 1A.406/1A.114 to reduce after catalyzation. Apply a first coat of varnish and let dry. Sand with 320-grit sandpaper. Follow with no more than 1 additional coat of varnish, sanding between coats. (Sanding is required to achieve proper adhesion.) Small amounts of our 1A.114 Lacquer Retarder may be used if applied during adverse weather conditions. Pot-life can be extended by addition of n-Butyl alcohol at 59 mL – 237 mL per 3.79 L. Read label and SDS for additional information.

Clean Up

Clean up with 1A.406 or 1A.519 Lacquer Thinner / 1A.101 Acetone.

Environmental Health & Safety Information

DANGER! (NEED TO REVIEW)

Causes skin irritation

Causes serious eye damage

May cause an allergic skin reaction

May cause cancer

Suspected of damaging fertility or the unborn child

May cause damage to organs

May cause damage to organs through prolonged or repeated exposure

Highly flammable liquid and vapour

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Do not breathe dust/fume/mist/vapours/spray. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces, no smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response: If exposed or concerned get medical attention. If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. If skin irritation or rash occurs get medical attention. If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. In case of fire use CO₂, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container to an approved waste disposal plant.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

KEEP OUT OF REACH OF CHILDREN

FOR WOOD SUBSTRATES ONLY

For professional application on wood floors only. May be applied as an OEM or Shop Application product to wood substrates other than floors.

READ ALL DIRECTIONS BEFORE USE. UNDERSTAND ALL DANGERS WITH THIS PRODUCT PRIOR TO USE.

Refer to Safety Data Sheet for additional health and safety information.