



MEGAVAR[®] PLUS

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

Features

- Exceeds KCMA Standards
- Meets AWI TR-5 Standard
- Very High Solids Content
- Ready To Spray Viscosity
- Self-Sealing
- Resists Moisture
- Resists Chemicals
- 8 – 12 Hour Pot Life

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.

Recommended For

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

Limitations

- Entire system not to exceed 5 mils dry.

Product Information

Colours — Standard:	Technical Data	Clear/Gloss
Gloss / Sheen Levels: Gloss level @ 60°	Generic Type	Conversion Varnish
1M.6309 Gloss 80+	Pigment Type	N/A
1M.6306 Semi-Gloss 60 - 65	Weight Solids (mixed as recommended)	50% ± 1.0%
1M.6304 Satin 35 - 40	Volume Solids (mixed as recommended)	42% ± 1.0%
1M.6302 Dull 20 - 25	Coverage per 3.79 L at 1 mil DFT	62.5 – 65 sq. m. (673 – 700 sq. ft.)
1M.6301 Flat 8 - 12	Recommended – Wet	3 – 5 mils
— Tint Bases:	Film Thickness – Dry	1.3 – 2.1 mils
MegaVar [®] Plus may be tinted with 144/844 Industrial Colorants up to 237 mL per 3.79 L	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.	
— Special Colours:	Dry Time @ 25 °C	– To Sand 25 – 35 Minutes
N/A	(77 °F)	– To Recoat 30 – 45 Minutes
Certifications & Qualifications:	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.	
The products supported by this data sheet contain a maximum of 550 grams per litres VOC /VOS excluding water & exempt solvents.	Dries By	Chemical reaction
This product is not compliant for field applications.	Viscosity @ 25 °C (77 °F) (mixed as recommended)	20 – 25 Sec (#2 Zahn)
Technical Assistance:	Flash Point	14.4 °C (58 °F)
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	Gloss/Sheen	See Colours / Standards Section
	Surface Temperature – Min.	20 °C (68 °F)
	at application – Max.	32.2 °C (90 °F)
	Surface must be dry and at least 5° above the dew point	
	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 – 4.0 kg
	Storage Temperature – Min.	10 °C (50 °F)
	– Max.	32.2 °C (90 °F)
	Volatile Organic Compounds (VOC) 550 Grams / Litres* * Gloss Catalyzed	

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 pre-catalyzed 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!

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.

For Wood Substrates Only

KEEP OUT OF REACH OF CHILDREN

THIS PRODUCT IS INTENDED FOR SHOP OR OEM APPLICATION ONLY.

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.