



MEGAVAR[®] Elite

WHITE CONVERSION VARNISH

1MVW-10XX (1MC-700 CATALYST)

Features

- High Solid Content
- No Reduction Necessary
- Containers Short Filled To Allow For Catalyst
- Excellent UV Resistance
- Exceeds KCMA Standards
- 16 Hour Pot Life
- Excellent Resistance To Metal Marking
- Low VOC and HAPs
- Non Photo Chemically Reactive
- Pthalate Free

General Description

Lenmar[®] 1MVW-10XX MegaVar[®] Elite is a premium, state of the art, pigmented conversion varnish. It is a very high solids coating that needs no reduction, resulting in a superb finish with less material applied. It is an excellent choice for any paint grade cabinetry and in combination with MegaVar[®] Elite White Primer, is especially good for finishing MDF.

Recommended For

Kitchen Cabinets, Bathroom Vanities, Displays & Fixtures, Commercial Cabinets.

Limitations

- Entire system not to exceed 7 mils dry.

Product Information

| | | | |
|--|---|--|----------------------------------|
| Colors — Standard: White | Technical Data | | White Topcoat |
| Tint Bases: Yes, controlled as a tint base. | Generic Type | | Alkyd/Urea |
| Special Colors: N/A | Weight Solids | | 60.6-64.6% |
| Available Sheens 1MVW-1090 Gloss 1MVW-1060 Semi-Gloss 1MVW-1030 Satin 1MVW-1020 Dull 1MVW-1010 Flat | Volume Solids | | 44.8-48.6% |
| Technical Assistance: Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit www.lenmar-coatings.com | Coverage per Gallon @ 1 mil dry | | 718-779.1sq. ft |
| | Recommended | | – Wet 3 – 4 mils |
| | Film Thickness | | – Dry 1.3 – 1.8 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 @ 75 °F | | – To Touch 10 – 15 Minutes |
| | (23.8 °C) @ 50% RH | | – To Sand/Recoat 50 – 60 Minutes |
| | Dries By | | Chemical Reaction |
| | Viscosity @ 77 °F | | 26 – 30 Sec (#4 Ford) |
| | Surface Temperature | | – Min. 68 °F (20 °C) |
| | at Application | | – Max. 90 °F (32.2 °C) |
| | Surface must be dry and at least 5° above the dew point | | |
| | Thin With | | 1A-406 Thinner |
| | Clean Up Thinner | | 1A-406 or 1A-519 Lacquer Thinner |
| | Catalyst Mix Ratio (by volume) | | 1MC-700 @ 11% |
| | Pot Life @ 77 °F | | 16 Hours |
| | Weight Per Gallon | | 9.8-10.2 lbs./l |
| | Storage | | – Min. 50 °F (10 °C) |
| | Temperature | | – Max. 90 °F (32.2 °C) |
| | VOC and HAPs information | | |
| | VOC (reg./coating): 3.5-3.8 lbs./gl. or 423.8-450.9 g/l | | |
| | VOC (act/material): 3.5-3.6 lbs./gl. or 414.2-433.7 g/l | | |
| | VOC Ratio: 0.5-0.6 lbs.VOC/lbs. Solids | | |
| | HAPS Ratio: 0.05-0.058 lbs. HAPS/lbs. Solids | | |

MegaVar® Elite White Conversion Varnish 1MVW-10XX

Application:

LENMAR PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

Recommended System:

Catalyzing: 1MVW-10XX requires the addition of 11% (by volume) 1MC-700 Catalyst. prior to use. Containers are already short-filled to allow for the addition of catalyst*.

For gallon containers-Add one pre-measured 11.6 oz. bottle of 1MC-0700 per short-filled gallon

For 5 gallon pails. Add 58 oz of 1MC-700 per short-filled pail.

*Gallon *Fill level is 106 oz.*

*Five Gallon *Fill level is 530 oz*

MIXING Chart for small amounts

| 1MVW-10XX | 1MC-700 |
|-----------|---------|
| 128 oz | 14 oz |
| 100 oz | 11 oz |
| 27 oz | 3 oz |
| 9 oz | 1 oz |

NOTE: DO NOT add more than the recommended amount of catalyst! This will *not* make the product cure faster or harder and may cause cracking, haziness, gloss issues, and *will* affect the integrity of the final product.

Reduction:

Important: Always catalyze *BEFORE* reducing!

Thinning: This product is supplied ready to spray (after catalyzation). If needed due to conditions in your facility, use 1A-406 at levels not to exceed 5-10% by volume.*

Retarder: If a slightly slower dry time is desired, use 1A-106 at levels not to exceed 5% by volume.*

*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.

Application: Using conventional, HVLP, airless, or air assisted equipment, apply this product at 3-4 wet mils per coat. Let dry a minimum 50-60 minutes. Sand with 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag. This product must be sanded in between coats to ensure proper adhesion.

On wood substrates we recommend a coating system comprised of one coat of 1MVP-1000 primer applied at 4-5 mils wet film build and 1-2 coats of topcoat applied at 3-4 mils wet film build. On MDF we recommend two coats of primer (especially on routed areas) applied at 4-5 mils wet film build and 1-2 coats of topcoat.

This product may also be used as a self-seal system. Used as a self-seal system, we recommend 2-3 coats applied at 3-4 wet mils per coat. Maximum dry film thickness of the complete system **must not exceed 7 dry mils.**

Tinting: This product may be tinted up to 6 oz per gal with Chromaflo 844 colorants. **Do not use umber pigments as they may affect cure and product integrity. Never tint with Universal Colorants that contain Glycol.**

Substrate Preparation

New wood: Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%.

Sand to 150-180 grit. Proper sanding of wood is absolutely critical to achieve the best color development and adhesion of the coating to the substrate.

Old wood: Strip old finishes completely and remove all contaminants from the surface. Make sure the surface is dry, sand as required. Finish same as new wood.

These products are intended for Professional use only. Do not proceed if you are planning on mixing with other finishing systems or other manufacturer's products. Gemini will not be held liable for finish failures due to the improper use of our products or deviation from our finishing recommendations.

Equipment:

All equipment used with this product must have plastic, stainless steel, or Teflon fluid passages and wetted parts.

Containers:

We supply this material in a lined container. All containers used in conjunction with storage and/or application of this product must be stainless steel, plastic, or otherwise acid resistant.

Clean up:

Use 1A-406 or 1A-519 Lacquer Thinner to clean up all equipment. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

Storage: Store locked up. Store in a well-ventilated place, keep container tightly closed. Keep away from heat or sparks.

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.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

**FOR PROFESSIONAL USE ONLY
KEEP OUT OF REACH OF CHILDREN**

**FOR WOOD SUBSTRATES ONLY
FOR INTERIOR USE ONLY**

**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.**