



MEGAVAR[®] Elite

WHITE PRIMER

1MVP-1000 (1MC-700 CATALYST)

Features

- High Solids-Excellent For MDF
- Superior Sanding
- Fast Dry
- Controlled Tint Base
- Containers Short Filled To Allow For Catalyst
- Exceeds KCMA Standards
- Low VOC
- HAPs Free
- Non Photo Chemically Reactive
- Phthalate Free

General Description

Lenmar[®] 1MVP-1000 MegaVar[®] Elite White Primer is a high solids catalyzed primer, and is the perfect choice for finishing all paint grade cabinetry, especially MDF. As an added benefit this product is also controlled as a tint base for off white colors, and is short filled to allow room for both colorant and catalyst.

Recommended For

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

Limitations

- This product must be topcoated

Product Information

<p>Colors — Standard: White</p> <p>Tint Bases: Yes- Controlled as a tint base</p> <p>Special Colors: N/A</p> <p>Available Sheens N/A</p> <p>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</p>	<table border="1"> <thead> <tr> <th>Technical Data</th> <th colspan="2">White Primer</th> </tr> </thead> <tbody> <tr> <td>Generic Type</td> <td colspan="2">Alkyd/Urea</td> </tr> <tr> <td>Weight Solids</td> <td colspan="2">63.1%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">45.6%</td> </tr> <tr> <td>Coverage per Gallon @ 1 mil dry</td> <td colspan="2">732 sq. ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>4-5 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>1.8 – 2.3 mils</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td>Dry Time @ 75 °F (23.8 °C) @ 50% RH</td> <td>– To Touch</td> <td>8 – 10 Minutes</td> </tr> <tr> <td></td> <td>– To Sand/Recoat</td> <td>25-30 Minutes</td> </tr> <tr> <td>Dries By</td> <td colspan="2">Chemical Reaction</td> </tr> <tr> <td>Viscosity @ 77 °F</td> <td colspan="2">20-22 Sec (#3 Zahn)</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>68 °F (20 °C)</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90 °F (32.2 °C)</td> </tr> <tr> <td colspan="3">Surface must be dry and at least 5° above the dew point</td> </tr> <tr> <td>Thin With</td> <td colspan="2">1A-406 Thinner</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">1A-406 or 1A-519 Lacquer Thinner</td> </tr> <tr> <td>Catalyst Mix Ratio (by volume)</td> <td colspan="2">1MC-700 @ 9%</td> </tr> <tr> <td>Pot Life @ 77 °F</td> <td colspan="2">8 Hours</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">10.6 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>50 °F (10 °C)</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90 °F (32.2 °C)</td> </tr> <tr> <td colspan="3">VOC and HAPs information</td> </tr> <tr> <td colspan="3">VOC (reg./coating): 3.33 lbs./gal or 399 g/l</td> </tr> <tr> <td colspan="3">VOC (act/material): 2.87 lbs./gal or 344 g/l</td> </tr> <tr> <td colspan="3">VOC Ratio: 0.4 lbs. VOC/lbs. solids</td> </tr> <tr> <td colspan="3">HAPS Ratio: 0.0 lbs. HAPS/lbs. solids</td> </tr> </tbody> </table>	Technical Data	White Primer		Generic Type	Alkyd/Urea		Weight Solids	63.1%		Volume Solids	45.6%		Coverage per Gallon @ 1 mil dry	732 sq. ft.		Recommended Film Thickness	– Wet	4-5 mils		– Dry	1.8 – 2.3 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 (23.8 °C) @ 50% RH	– To Touch	8 – 10 Minutes		– To Sand/Recoat	25-30 Minutes	Dries By	Chemical Reaction		Viscosity @ 77 °F	20-22 Sec (#3 Zahn)		Surface Temperature at Application	– Min.	68 °F (20 °C)		– 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 @ 9%		Pot Life @ 77 °F	8 Hours		Weight Per Gallon	10.6 lbs		Storage Temperature	– Min.	50 °F (10 °C)		– Max.	90 °F (32.2 °C)	VOC and HAPs information			VOC (reg./coating): 3.33 lbs./gal or 399 g/l			VOC (act/material): 2.87 lbs./gal or 344 g/l			VOC Ratio: 0.4 lbs. VOC/lbs. solids			HAPS Ratio: 0.0 lbs. HAPS/lbs. solids		
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MegaVar® Elite White Primer 1MVP-1000

Application:

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

Recommended System:

Catalyzing: 1MVP-1000 requires the addition of 9% (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 10 oz. bottle of 1MC-0700 per short-filled gallon

For 5 gallon pails. Add 50 oz of 1MC-700 per short-filled pail.

*Gallon *Fill level is 112 oz.*

*Five Gallon *Fill level is 560 oz*

MIXING Chart for small amounts

1MVP-1000	1MC-700
122 oz	11oz
100 oz	9 oz
22 oz	2 oz
11 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.*

*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 4-5 wet mils per coat. Let dry a minimum 25-30 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.

Typically we recommend a coating system comprised of one coat of 1MVP-1000 applied at 4-5 mils wet film build and 1-2 coats of 1MVV-10XX White Topcoat. On MDF we recommend two coats of primer (especially on routed areas).

Topcoat with desired sheen selected from the 1MVV-10XX Megavar® Elite series white conversion varnishes.

ENTIRE SYSTEM NOT TO EXCEED MORE THAN 7 MILS DRY.

Tinting:

This product may be tinted up to 12.8 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.**