



MEGAVAR[®]

WHITE CATALYZED UNDERCOATER

1S.750 (1A.5300 CATALYST)

Features

- High Solids Content
- Resists Moisture & Chemicals
- Tintable With Industrial Colorants (max. 118 mL/L)
- 6 – 8 Hour Pot Life

General Description

Lenmar[®] 1S.750 MegaVar[®] Catalyzed White Undercoater, is designed for the professional woodworker who demands maximum performance in a solid pigmented finish. Once catalyzed, this fast drying, VOC & HAPS compliant undercoater offers superior protection against moisture and household chemicals. The high solids formula builds to a beautiful and exceptionally durable film once cured. This conversion undercoater requires the addition of 174 ml 1A.5300 Catalyst (4.6%) per 3.79 L. Reduce 25% - 40% with 1A.519 or 1A.406 after the addition of the catalyst. Add the catalyst and solvent slowly, while stirring. Only catalyze enough product that can be applied in a 6-8 hour period. The high solid content makes it possible to achieve a desired end result with just one coat.

Recommended For

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

Limitations

- Entire system not to exceed 5 mils dry.

Product Information

<p>Colours — Standard: White White can be tinted with Industrial Colorants. Maximum of 118 mL/L.</p> <p>— Tint Bases: N/A</p> <p>— Special Colours: Contact your Dealer/Distributor.</p> <p>Certifications & Qualifications: The products supported by this data sheet contain a maximum of 550 grams per litre VOC /VOS excluding water & exempt solvents. This product is not compliant for field applications. This product is intended for Shop or OEM application only.</p> <p>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</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data◇</th> <th>White</th> </tr> </thead> <tbody> <tr> <td>Generic Type</td> <td></td> <td>Conversion Varnish</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>Titanium Dioxide</td> </tr> <tr> <td>Weight Solids (mixed as recommended)</td> <td></td> <td>60% ± 1.0%</td> </tr> <tr> <td>Volume Solids (mixed as recommended)</td> <td></td> <td>40% ± 1.0%</td> </tr> <tr> <td>Coverage per 3.79 L at 1 mil DFT</td> <td></td> <td>59.6 – 60.4 sq. m. (641 – 650 sq. ft.)</td> </tr> <tr> <td>Recommended</td> <td>– Wet</td> <td>3 - 5 mils</td> </tr> <tr> <td>Film Thickness</td> <td>– Dry</td> <td>Maximum 2.0 mils</td> </tr> <tr> <td colspan="3">Coverage calculation does not include spray loss or equipment inefficiency. 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◇ Reported values are for White. Contact dealer/distributor for values of other bases or colours.

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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.

MegaVar® 1S.750 undercoater is designed to be the first coat in a 2 or 3 coat white system. Use over new substrate. Apply one coat, allow to dry, then sand with 280-320 grit silicon carbide sandpaper. Follow with no more than 2 topcoats of varnish. Recommended system is 1 coat of undercoater and 1 or 2 coats of topcoat. Do not apply two coats of undercoater.

ENTIRE SYSTEM SHOULD NOT EXCEED 5 MILS DRY.

Application / Cure Temperature: 20°C minimum during application and curing is necessary for maximum performance. Substrate temperature should also be at least 20°C. Lower temperatures may result in poor performance and cracking.

Finishing MDF Board: Routed and cut edges of MDF board should be sealed with a vinyl wash coat. Too much weight can lead to film cracking. Pre-test all systems for adhesion and performance.

Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 120-grit sandpaper and remove all dust. Mix thoroughly, gradually add 174 mL per 3.79 Litre (4.6%) 1A.5300 Catalyst, add 25% - 40% of 1A.406 reducer, per local VOC regulations. Apply by spray application only. Check with equipment manufacturer for settings to achieve proper atomization. If necessary, adjust in small amounts with 1A.406 to reduce when application conditions require. Apply undercoater and let dry. Sand with 280-320 grit sandpaper. Follow with no more than 2 additional coats of conversion varnish. Small amounts of the Lenmar® 1A.114 Retarder may be used if applied during adverse weather conditions. Read label and SDS for additional information and warnings.

Clean up

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

Environmental Health & Safety Information

DANGER!

- Causes skin irritation
- Causes serious eye damage
- 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 vapor
- Reactive flammable material

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. Do not breathe dust/fume/mist/vapors/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 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

NOT FOR USE ON FLOORS.

THIS PRODUCT IS INTENDED FOR SHOP OR OEM APPLICATION ONLY.

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