



# MEGAVAR<sup>®</sup>

## 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<sup>®</sup> 1S.750 MegaVar<sup>®</sup> 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

Wood Floors, 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◇	White
White	Generic Type	Conversion Varnish
White can be tinted with Industrial Colorants. Maximum of 118 mL/L.	Pigment Type	Titanium Dioxide
	Weight Solids (mixed as recommended)	60% ± 1.0%
	Volume Solids (mixed as recommended)	40% ± 1.0%
<b>— Tint Bases:</b>	Coverage per 3.79 L at 1 mil DFT	59.6 – 60.4 sq. m. (641 – 650 sq. ft.)
N/A	Recommended	– Wet 3 - 5 mils
	Film Thickness	– Dry Maximum 2.0 mils
<b>— Special Colours:</b>	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.	
Contact your Dealer/Distributor.	Dry Time @ 23.8 °C (75 °F) @ 50% RH	– To Sand 30 Minutes – To Recoat 30 – 45 Minutes
<b>Certifications &amp; Qualifications:</b>	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. Minimum temperature of 20°C during application and curing is necessary for maximum performance. Lower temperatures may result in poor performance and cracking. Excess amount of catalyst will cause cracking.	
The products supported by this data sheet contain a maximum of 550 grams per litre VOC /VOS excluding water & exempt solvents.	Dries By	Catalyzed Crosslink
This product is not compliant for field applications. This product is intended for Shop or OEM application only.	Viscosity @ 25 °C (77 °F) (mixed as recommended)	26 – 32 Sec (#5 Zahn)
	Flash Point	–1.1 °C (30 °F)
<b>Technical Assistance:</b>	Gloss/Sheen	Flat
Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-800-361-5898 or visit <a href="http://www.lenmar-coatings.ca">www.lenmar-coatings.ca</a>	Surface Temperature at application	– Min. 20 °C (68 °F) – Max. 32.2 °C (90 °F)
	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 Thinner
	Mixed Ratio (by volume)	174 mL per 3.79 Litre
	Pot Life @ 25 °C (77 °F)	6 – 8 Hours
	Weight Per 3.79 L (mixed as recommended)	4.6 – 4.7 kg (10.2 – 10.4 lbs)
	Storage Temperature	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
	<b>Volatile Organic Compounds (VOC)</b> 470 Grams / Litre* * Catalyzed	

◇ Reported values are for White. Contact dealer/distributor for values of other bases or colours.

## MegaVar® White Catalyzed Undercoater 1S.750 (1A.5300 Catalyst)

**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 drowsiness or dizziness**

**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/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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. Keep cool.

**Response :** IF exposed or concerned: Get medical advice/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 doctor/physician. If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Storage :** Store locked up. Store in a well-ventilated place. Keep container tightly closed.

**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.

### KEEP OUT OF REACH OF CHILDREN

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

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