



MEGAVAR[®]

WHITE CATALYZED TOPCOAT

1S.75X (1A.5300 CATALYST)

Features

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

General Description

Lenmar[®] MegaVar[®] 1S.75X series, Catalyzed White Conversion Topcoat, is designed for the professional woodworker who demands maximum performance in a solid pigmented finish. Once catalyzed, this fast drying varnish offers superior protection against moisture and household chemicals. The high solids formula builds to a beautiful and exceptionally durable film when fully cured. This conversion varnish requires the addition of 174 mL 1A.5300 Catalyst (4.6%) per 3.79 L. Only catalyze enough varnish that will be applied in a 6-8 hour period. The high solids content makes it possible to achieve a desired end result with just a few coats.

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:

| | |
|---|----------------|
| 1S-752 Dull Rubbed | 20 (± 5) @ 60° |
| 1S-754 Satin | 40 (± 5) @ 60° |
| 1S-756 Semi-Gloss | 60 (± 5) @ 60° |
| 1S-758 Gloss | 80+ @ 60° |
| Can be tinted with Industrial Colorants. (max 118 mL/L) | |

— Tint Bases:

N/A

— Special Colours:

Contact your Dealer/Distributor.

Certification & 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.

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.

Technical Data

White/Gloss

| | | |
|---|---|-----------------|
| Generic Type | Conversion Varnish | |
| Pigment Type | Titanium Dioxide | |
| Weight Solids (mixed as recommended) | 48% ± 1.0% | |
| Volume Solids (mixed as recommended) | 32% ± 1.0% | |
| Coverage per 3.79 L at 1 mil DFT | 47.7 – 48.8 sq. m. (513 – 525 sq. ft.) | |
| Recommended Film Thickness | – Wet | 3 – 5 mils |
| | – Dry | 1 – 1.6 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 @ 23.8 °C (75 °F) @ 50% RH | – To Sand | 30 – 45 Minutes |
| | – To Recoat | 45 – 60 Minutes |
| *If top coat is not applied within 72 hours abrade the surface to ensure proper inter-coat adhesion. 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 and recoat times. Minimum temperature of 20 °C (68 °F) 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. | | |
| Dries By | Catalyzed Crosslink | |
| Viscosity @ 25 °C (77 °F) (mixed as recommended) | 39 – 43 Sec (#2 Zahn) | |
| Flash Point | –1.1 °C (30 °F) | |
| Gloss/Sheen | Dull/Satin/Semi-Gloss/Gloss | |
| 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 or 1A.114 Retarder | |
| Clean Up Thinner | 1A.406 Thinner or 1A.114 Retarder | |
| Mixed Ratio (by volume) | 174 mL per 3.79 L | |
| Pot Life @ 25 °C (77 °F) | 6 – 8 Hours | |
| Weight Per 3.79 L (mixed as recommended) | 4.1 – 4.2 kg (9.0 – 9.2 lbs) | |
| Storage Temperature | – Min. | 10 °C (50 °F) |
| | – Max. | 32.2 °C (90 °F) |

Volatile Organic Compounds (VOC)

543 Grams / Litre*
* Catalyzed

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

MegaVar® White Catalyzed Topcoat 1S.75X

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 MegaVar® 1S.75X series white catalyzed topcoats should be used as a 2 or 3 coat system, with 1 coat of 1S.750 Undercoater followed by 1 or 2 coats of the selected sheen of 1S.75X Series white topcoats. Apply one coat of catalyzed undercoater, let dry, and scuff sand. Follow with no more than 2 topcoats of MegaVar® white.

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 4.6% 1A.5300 Catalyst 174 mL per 3.79 L. Apply by spray application only. Check with equipment manufacturer for settings to achieve proper atomization. If necessary, reduce up to 20% with 1A.406 or 1A.519, per local VOC regulations. Apply a first coat of undercoater and let dry. Sand with 280-320 grit silicon carbide, non-stearated sandpaper. Follow with no more than 2 topcoats, applied in 3-4 wet mils, sanding between coats. (Sanding is required to achieve proper adhesion.) Small amounts of 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 Lacquer Thinner/ 1A.114 Retarder.

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

May be fatal if swallowed and enters airways

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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use CO2, 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.

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

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

**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.**