



ChemMasters®

Quality • Innovation • Service

Polyseal™ Lumber Shield

Wax Emulsion End Sealer for Freshly
Cut Logs & Lumber

P R O D U C T D A T A

DESCRIPTION

Polyseal Lumber Seal is a wax emulsion end sealer designed to protect freshly cut logs and lumber from damaging end checks and drying splits. **Polyseal LUMBER Shield** has ultra-low odor, superior freeze/thaw durability than competitive products for use in cold weather and can be used on all varieties of hardwood and softwood logs and lumber. **Polyseal LUMBER Shield** is a low Volatile Organic Compound (V.O.C.) water based product.

USES

- Apply to freshly cut logs and lumber to prevent damage to ends from checks and splits
- Prevent stains and fungal growth on ends of freshly cut logs and lumber

ADVANTAGES

- **Polyseal Lumber Seal** is a very low VOC emission product at <50 g/L VOC.
- Enhanced sealing of freshly cut logs and lumber to prevent loss of moisture leading to checks and splits
- Enhanced stain protection of cut ends
- Ultra-low odor

Packaging Part Number		
5 gal pail (18.9 liter)	36 per pallet	F1250.05
55 gal drum (208 liter)	4 / pallet	F1250.55
275 gal tote (1041 liter)	1 / pallet	F1250.275

TECHNICAL DATA

Estimating Guide coverage rates vary with log/lumber porosity		
Condition	ft ² /gallon	m ² /liter
Sealing	100	2.5
Optional 2nd coat	450	11

Drying Time @ 70°F (21°C) with 50% R.H.	
Recoat Window	15 minutes

Typical Physical Properties

VOC content	< 50 g/l
Flash Point PMCC	>212°F (>100°C)
ASTM C 156 Moisture retention	>90%
Specific Gravity	0.90 to 0.94
Density	7.66 lb./gal. +/- 0.20
Viscosity	3,500-4,500 cps
Appearance	White emulsion - dries clear

Directions for Use

Consult Product Data Sheet at www.chemmasters.net for complete information regarding product performance and usage.

Mixing: Mix well prior to use. Do not dilute.

Surface Preparation: Cut ends must be free of all dirt, mud, oil, grease, debris or other contaminants.

Application: Apply uniformly leaving no pinholes or gaps. Coat liberally until product begins to run. Optimal results are obtained by applying **Polyseal Lumber Shield** immediately after cutting.

Spray Apply with an air, electric, gasoline or backpack sprayer equipped with a 0.017" (0.43mm) tip. Tip size may require adjustment based on specific spray equipment. A larger tip may be required if clogging occurs.

Logs larger than 24"/60 cm in diameter will require a heavier coating, or two coats must be applied within a 15 minute period.

Cleanup: Before material dries and hardens, clean tools and equipment with warm water and detergent.

Storage: Do not allow to freeze. Store tightly sealed containers in cool, dry area above 40°F. Shelf life is one year from date of manufacture.

Limitations

- **Polyseal Lumber Shield** may change the color/shading of certain wood varieties. ChemMasters recommends that you conduct a test application first if this is a concern.
- Material may appear white to off-white when viewed in bulk packaging.



ChemMasters® Inc.

American Made Products—Family Owned Company

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Sept 2025

Precautions: WARNING:

May be harmful if swallowed. May cause an allergic skin reaction. Causes eye irritation. May be harmful if inhaled.

May cause respiratory irritation. **Precautionary Statements:** Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work

clothing should not be stored. **Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. **Disposal:** Dispose of contents/container in accordance with local/regional/national regulations.

All label precautions and Safety Data Sheet must be fully understood before using this product. Keep out of reach of children.

THIS PRODUCT IS FOR COMMERCIAL USE ONLY – IT IS NOT A CONSUMER PRODUCT.

Before using this product read entirely this paragraph and the Manufacturer's Warranty and Limitations of Liability at Chem-Masters.net/Warranty.php (or by using the adjacent QR Code) incorporated herein (collectively the "Terms"). To reject any of the Terms buyer must return the unopened product container at once to the seller from which it was purchased. By opening or using this product buyer accepts without objection or modification all Terms. Subject to applicable law, **MANUFACTURER DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE**, and buyer agrees that in lieu of all other remedies in manufacturer's sole discretion it will either replace defective product or refund the reasonable purchase price, and in no event may you recover from manufacturer any special, incidental or consequential damages even if it was aware of the possibility of such damages.

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Printed in U.S.A.

