



# Wood Stain™ WS-801

## Interior Polyurethane Wood Penetrating Stain

### Description:

Wood Stain™ is a stain for new wood, developed with a combination of tough oil base polyurethane and micronized pigments for wood in interior details, floor and furniture. It will apply easy, penetrates and stain the wood uniformly. It will not raise the grain.

### Meets Requirements for:

MPI:	N/A
Green Performance 1:	N/A
Green Performance 2:	N/A
VOC Compliant (<700g/L):	No

### Product Advantages:

- Excellent anchoring to the surface
- Protects and gives color to wood
- Available in 21 colors of wood
- Tough and flexible finish
- Can be covered with clear coats
- For domestic and professional use
- Does not turn yellow
- Heavy metal and lead free

### Colors Available:

Mahogany WS661	Dark Brown	WS670
Walnut WS662	Dark Walnut	WS703
Early American WS706	Jacobean	WS708
Wengue WS801		

### Uses:

Wood Stain™ is manufactured to penetrate deep in new wood with a minimum of grain obscuring. In order for the product to be absorbed, wood surface should not be primed or sealed before. It will hold color without fading and could be top-coated with nitrocellulose lacquer, water based acrylic or polyurethane clear varnish; and will not bleed through the finish coat. To be used only over bare wood or itself.

### Technical Data:

Product Type:	Oil & Polyurethane Resin
Finish:	Satin (7°-12°) *Geometry 60°
Solids (%):	17 ± 2% by weight 13 ± 2% by volume
Weight/Gallon:	7.04 ± 0.05 lbs. (3.20 ± 0.02 kg.)
Drying Time:	To touch: 15 - 30 min. To recoat: 2 - 6 hrs.
Coverage:	Theoretical: Up to 208 ft. <sup>2</sup> per gallon @ 1 mil
Sizes:	5 gallons 1 gallon 1 quart
Thinning:	Is not recommended.
Flash Point:	50 °F TOC
VOC:	<700 g/L

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

F.D.S.: Available upon request.

### Surface Preparation:

All surfaces must be dry, clean, sound and free of contaminants. Remove all dirt, grease, mildew, oil, dust, and other soluble contaminants. Remove all loose detrimental foreign matter by scraping, sanding or power sanding.

**New wood:** Sand down to a smooth finish with fine sandpaper following the grain. Remove all sanding dust by vacuuming or dusting the surface with a "tack" cloth. Fill knot holes and cracks with Lanco® putty filler for wood and let it dry. Sand the filled areas smooth and remove dust.

**Previously finished surfaces:** This product is intended to use in surfaces that have not been previously painted. It is not design for previously painted surfaces unless a complete removal to bare wood is done.

**Mixing:** This is a one component coating. Always hand mix thoroughly with a paddle before application. Do not mix excessively to avoid air in the coating. Do not shake.

### Method of Application:

Apply with a soft brush, spray or rag generously in the direction of the grain. Let the stain penetrate for 7 to 15 minutes to be sure you obtain the desired color, remove excess wood stain with a clean rag. Let dry 3 to 4 hours, and apply a second coat of Wood Stain in the same direction of the grain (drying time may vary depending on temperature, humidity or ventilation).

NOTE: Test Wood Stain on a hidden area of object to be stained to make sure color is the one you want. If stain dries dark or dark spots develop, wipe stained surface with a clean rag dampened with Lanco® Mineral Spirits to equalize color while stain is still wet.

**Additional Information:**

**Note:** When multiple coats of product are applied, be sure to sand lightly between coats with a fine sandpaper and dust clean or vacuum.

**Cleanup:** Wipe up drips and spatters with Lanco® Mineral Spirits MS-107. Clean all equipment with this solution.

**Caution:** Do not take internally. Close container after each use. Keep out of the reach of children. Combustible; keep away from heat and open flame. Avoid prolonged contact with skin and breathing vapors or spray mist.

**Danger / Warning:**

**Danger:** contains petroleum distillates. Flammable, may cause fire. Before applying, extinguish pilot lights, shut off electrically operated appliances and eliminate other sources of flame or spark and leave them off until area is clear of vapors. Avoid prolonged contact with skin or repeated breathing of vapors. Do not smoke. Close container tightly after each use. Provide adequate ventilation during application and drying cycles. Use only with adequate ventilation. Ventilation must be sufficient to limit exposure below MSDS limits. Eye irritation and dizziness are indications of over exposure. Refer to lanco material safety data sheet. Avoid prolonged or repeated breathing of vapor. It is important to use adequate ventilation as high vapor concentration may cause unconsciousness or even asphyxiation. Do not take internally. Swallowing may cause injury, illness or death. Avoid prolonged or repeated contact with skin. Contact may cause skin irritation and dermatitis. Do not get in eyes. Will cause discomfort and irritation. Do not eat, drink or smoke in work areas.

**Notice:** Reports have associated repeated and prolonged occupational over exposure to solvents, with permanent brain and nervous system damage, peripheral nervous tissue damage and liver abnormalities. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Always wear respiratory protection (NIOSH, MSHA TC 23C or equivalent).

**First aid:** inhalation overexposure- remove patient to fresh air. If breathing stops, give artificial respiration. Call a physician. Swallowing- seek medical attention immediately. Do not induce vomiting. Eye contact- flush eyes thoroughly with large amount of water. If irritation persists, see a physician. Skin contact- remove contaminated clothing and shoes. Use only with adequate ventilation. Keep out of reach of children.

