

# White Lightning® WL4000 Panel Construction Adhesive

## Physical Properties:

### WL4000 Panel Construction Adhesive

<b>Type:</b>	Solvent-Based Adhesive	<b>Storage Temperature:</b>	Room Temperature
<b>Color:</b>	Tan	<b>VOC Level:</b>	344.3 g/l
<b>Shelf Life:</b>	12 Months	<b>Shrinkage:</b>	Low/Moderate
<b>Flash Point:</b>	Less than 0°F	<b>Vehicle:</b>	Synthetic Rubber
<b>Open Time:</b>	30 Minutes	<b>Weight Solids:</b>	68%
<b>Full Cure Time:</b>	24 Hours	<b>Weight/Gallon:</b>	9.2 lbs/gal
<b>Application Temperature:</b>	20°F to 110°F	<b>Consistency:</b>	Medium Mastic
<b>Service Temperature:</b>	0°F to 175°F		

## Performance Data:

<b>Clean-Up:</b>	Mineral Spirits
<b>Water Resistance:</b>	Excellent
<b>Mildew Resistance:</b>	Excellent
<b>Linear Coverage:</b>	
<b>10 oz Cartridge</b>	
<b>3/8" Bead Application</b>	11.5 ft
<b>29 oz Cartridge</b>	
<b>3/8" Bead Application</b>	33.4 ft

**Product Description:** White Lightning® WL4000 Panel Construction Adhesive is a high performance adhesive.

**Basic Uses:** WL4000 simplifies installation of paneling and wallboard by bonding these construction materials to most substrates.

**Surface Preparation:** Surface should be clean, dry, free from oils, dirt, old caulking, old paint or other contaminants.

**Walls:** Nail at 16" intervals around perimeter of board where board contacts framing.

**Cautions:** Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use, and until all vapors are gone: Keep area ventilated. Do not smoke. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition.

**Contains:** CRYSTALLINE SILICA, HEXANE AND TOLUENE. VAPOR HARMFUL. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. Avoid contact with eyes and skin. Wash hands after using. Do not transfer to other containers for storage.

**Limitations:** For best results store product at room temperature for 24 hours before using. Apply adhesive with liberal coverage. Position materials within 5-10 minutes of application. For large or heavier materials, fasten securely with nails or screws at corners and borders if needed.

**Specifications:** Meets and exceeds ASTM C-557 for fastening gypsum wallboard to wood framing, ASTM E-72 for racking and shear, conforms to Canadian Specification CAN/CG G-71.25-M88. Certified by BOCA under Research Report #82-63. Recommended by ICBO under Research #2231. Accepted by HUD. Meets FHA requirements.

### **ASTM C-557: Requirements**

Shear Strength  
Tensile Strength

### **Test**

24 Hours 32 psi 10 psi  
24 Hours 21 psi 15 psi

### **Results**

14 Days 60 psi 40 psi  
14 Days 73 psi 25 psi



**For more information please call or write:**

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