



## Moisture Resistant Press Glue - LIONGRIP 2000

**Product #** R20004530

### DESCRIPTION

LIONGRIP 2000 is a high performance millwork adhesive specifically formulated for applications where Type II water resistant bonds are required. Its viscosity is well suited for press gluing (hot and cold) as well as automated finger jointers and all roll coaters for flat laminations of veneer or High Pressure laminates (HPL). Also recommended for edge-gluing on Radio Frequency Presses (RF).

### ADVANTAGES AND BENEFITS

- Resilient and moisture resistant bonds - Fire rated - 12 °C film forming temperature - Self x-linking emulsion - Easy-clean emulsion - More forgiving in a production environment - No catalyst required - Recommended for finger jointing, flush door assembly, hot press veneering and RF gluing - Contains UV fluorescent tracer

### TECHNICAL SPECIFICATIONS

<b>Product #</b>	R20004530
<b>Recommended Use</b>	Interior, Indirect Contact with Food
<b>Color Before Application</b>	White
<b>Dried Film</b>	Translucent
<b>Open Time</b>	5 minutes
<b>Viscosity</b>	4000 - 5000 cps
<b>Volume</b>	45 gal.
<b>Brand</b>	Liongrip
<b>Features</b>	Solvent Resistant, Fluorescent, High Heat Resistance, Low VOC (less than 250 g/l)
<b>VOC Concentration (EPA Method 24)</b>	10.7 grams per liter
<b>Standards and Certifications</b>	NSF51 Certified for Food Contact, ASTM E2074, ASTM 5572 Type II
<b>Solid Content (Approx.)</b>	49%
<b>Base</b>	Self Cross-Linking Resin Emulsion
<b>pH</b>	4.0 to 5.0
<b>Freeze/Thaw Stability</b>	Keep From Freezing

### APPLICATION

- Application temperature: above 12°C (50°F) - Open assembly time: 5 minutes at 21°C (70°F) and 50% relative humidity - Total assembly time: 10 to 15 minutes at 21°C (70°F) and 50% relative humidity - Minimum application spread: 36.68 lb (18 kg) by 1,000 sq ft (92.9 m²) (8 mils) For hot-press and high frequency application: gluing usually requires a 90°C temperature. This temperature is usually achieved in 90 seconds. Required clamp pressure: enough to bring the joints tightly together, normally between 150 lb/in² and 165 lb/in² (10.55 kg/cm² and 11.6 kg/cm²) for softwoods, and between 200 lb/in² and 225 lb/in² (14.06 kg/cm² and 15.82 kg/cm²) for hardwoods. Clean-up: damp cloth while glue is wet. Sand dried excess.

### IMPORTANT INFORMATION

- Meets ASTM 5572 TYPE II standard for water resistance, interior use - Meets ASTM E2074 fire rating for interior flush doors assembly, up to 90 minutes - NSF51 certified for food contact

**PRODUCT PHOTOS**

