

LIONGRIP 2000



MOISTURE RESISTANT GLUE

PHYSICAL PROPERTIES (TYPICAL)	Type Self cross linking resin emulsion	Calculated VOC 10.7 g/L
	State Liquid	Weight/Litre 1.08kgs.
	Color White	Chalk Point * Approx. 12°C (50°F)
	Dried film Translucent	Flashpoint > 93 °C (200 °F)
	Solids 47-51%	Freeze/thaw stability Keep from freezing
	Viscosity 4,000-5,000 cps	Storage Life 6 months in tightly closed containers at 24°C (75°F)
	pH 4.0 – 5.0	

*Chalking point indicates the lowest recommended temperature at which the glue, air and materials should be to assure good bonds during the assembly and gluing process.

APPLICATION GUIDELINES	Application temperature Above 12°C (50°F)
	Open assembly time 5 minutes (21°C(70°F)/ 50%RH)
	Closed assembly time 10-15 minutes (21°C(70°F)/ 50%RH)
	Application Spread Rate Approximately 8 wet mils or 18 kilograms /1000f ² per gallon
	Hot-Press and Radio Frequency Gluing Usually requires 90 seconds/ 90°C temperature and pressing cycles to plasticise the adhesive and allow safe removal of panels out of the presses
	Clamp pressures Typical pressures are generally 150-165 psi for softwoods and 200-225 psi for hardwoods. Excessive pressure will evacuate adhesive and starve the glue line
	Application methods May be applied by squeeze bottles or by brush for detailed applications or by conventional roller glue spreaders
	Clean-up Damp cloth while glue is wet. Scrape off and sand dried excess

BOND STRENGTH ASTM D-905 (ON HARD MAPLE)	<u>Temperature</u>	<u>Strength lbs/inch² - kPa</u>	<u>% wood failure</u>
	Room Temperature	4 500 – 31 005	77

PRODUCT FEATURES	<ul style="list-style-type: none">• One component type II adhesives• ASTM 5572 Type II certification• ASTM E2074 certification for interior fire rated flush door• Resilient and moisture resistant bonds• Versatile in hot-press and radio frequency adhesive curing processes• Excellent heat and solvent-resistance• Unaffected by finishes• Versatile – bonds wood, hardboard, high pressure laminates and particleboard• Contains UV fluorescent tracer• Easy cleanup with water
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LIMITATIONS	LIONGRIP 2000 Wood Glue is not intended for exterior use or where water is likely to affect bonded surfaces. Not for structural or load bearing applications. Do not use when temperature, glue or materials are below 12°C (50°F). Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. Read MSDS before use. KEEP FROM FREEZING. KEEP OUT OF THE REACH OF CHILDREN.
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ORDERING INFORMATION	<u>Cat. No.</u>	<u>Size</u>	<u>Units per package</u>	<u>Weight Kgs</u>	<u>Packages per Pallet</u>
		3.78L Gallon Jug	4	4.08	144
		18.9 L 5 Gallon Plastic pail	1	20	32
		200L 55 Gallon Drum	1	220	4

Important Notice : Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied, is made as to such use or effects incidental to such use, handling or possession or the results to be obtained, whether in accordance with the directions or claimed so to be. The manufacturer expressly disclaims responsibility therefore. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use.

