

NIGHTINGALE SUPPLY

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TECHNICAL DATA SHEET

GRASP SP 3050

Single Pack Crosslinking Adhesive, HIGH SANDABILITY

➤ DESCRIPTION:

Is a high strength, cross-linking, water based, polyvinyl acetate adhesive which cures rapidly to provide heat and water resistant bonds. It is suitable for bonding hard and soft woods in edge gluing, veneering and joinery applications. It conforms to bs en 204 – exposure group 3, when used within the given guide lines. D3 CLASSIFICATION.

➤ SPECIFICATION:

| | |
|------------------------|----------------------------|
| APPEARANCE: | WHITE LIQUID, DRIES CLEAR. |
| SOLIDS: | APPROX. 50% |
| VISCOSITY: | APPROX: 4,500 cps |
| *OPEN TIME: | 5 MIN. MAX. |
| *CLOSED ASSEMBLY TIME: | 10 MIN. MAX. |
| COVERAGE: | 80-200 gsm |

**Depending on timber moisture content, temperature, humidity and adhesive coating weight.

➤ DIRECTIONS FOR USE:

All surfaces to be bonded must be clean, dry and free from dust, oil grease etc. Timber moisture content should be between 10% and 14%. Ambient and timber temperatures should be above 15°C.

Grasp SP 3050 can be applied using powered roll glue spreaders, air assisted airless spray equipment, brush, hand roller or extrusion. This product is suitable for use with both hot and cold presses.

The glue should be applied as a thin, even coating to one surface only. Parts should be combined, while the adhesive is wet, using good even pressure (30 to 130 psi is recommended) until the adhesive has set.

➤ **CURE CONDITIONS:**

Hot press: Typically 60 to 90 seconds at 100°C, depending on coating weight and substrate thickness.

Cold press: 20 to 30 minutes at 23°C may be applied via powered roll glue spreader or air assisted/airless spray equipment. **GraspSP 3050** is most suitable for use with h/c press.

➤ **CLEAN UP:**

Where necessary, wipe excess glue from the joint with a clean damp cloth.

➤ **STORAGE:**

Store out of direct sunlight in sealed plastic containers. This product will store for 12 months in a cool factory area.

➤ **PACKAGING: 4 Litre, 20 Litre, 200 Litre.**

The information presented is believed to be accurate, however, no guarantee is implied or given. User should conduct their own testing to determine the suitability of any product for a particular purpose.