

# TECHNICAL DATA SHEET




**RAKAM**



## 303 - RAK WOOD

(PVA Wood Glue)

**RAK WOOD** is PVA based, specially formulated for bonding operations in carpentry, furniture and paper industry.

PROPERTIES	DIRECTION OF USE	ORDERING GUIDE																								
<p>RAK Wood is a high build polymeric wood glue. Has a correct balance of wet and dry tack with smooth flow properties and uniform drying characteristics so as to provide a compact bond.</p>	<p>Before applying, the surface should be prepared clean and even, free from dust, loose shavings, oil and grease. Apply RAK Wood either by brush or brush pressure feeding equipment to a uniform coat. If the surfaces are all end-grain and very porous, apply a second coat, after allowing first to dry. Allow few minutes then assemble the surface. Apply pressure, no heavy clamping necessary. Normal hand pressure or standard clamping is sufficient to give a strong bond. Setting time varies for surfaces from 20 minutes to 3 hours depending on thickness of layers of adhesives, wood type, moisture and temperature. Excess adhesive peeling off from sides can be easily cleaned with wet damp cloth, before setting.</p>	<p>PRODUCT NO. 303 STANDARDS RAKAM PACKAGING 5 / 20 / 200 kg Packs COLOR White</p>																								
<p><b>USES</b></p> <p>RAK Wood has excellent adhesion to wood based products in cold and hot setting applications. Compatible with wide range of wood such as veneer, plywood, blackboards, hardboards, chip boards and fiber boards.</p> <p>Application includes assembly gluing, panel surfacing, veneer and paper foil lamination, finger jointing, laminating and edge joining, veneer slicing, etc.</p>		<p><b>HEALTH AND SAFETY</b></p> <p>As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn (see packaging for specific instructions). Treat any splashes to the skin or eyes with fresh water immediately. Should any of the product be accidentally swallowed, do not induce vomiting but call for medical assistance immediately. Ensure the container is available for the medical attendant to examine any relevant instructions and contents details. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labelling.</p>																								
<p><b>TYPICAL PROPERTIES</b></p> <table border="0"> <tr><td>Solid content</td><td>48%</td></tr> <tr><td>Specific Gravity</td><td>1.06-1.08</td></tr> <tr><td>Viscosity (Brookfield)</td><td>20,000-25,000 cps</td></tr> <tr><td>M.F.F.T</td><td>5°C</td></tr> <tr><td>Polymer</td><td>Polyvinyl Acetate</td></tr> <tr><td>Binder</td><td>Polyvinyl Alcohol</td></tr> <tr><td>Open time</td><td>20-30 min</td></tr> <tr><td>Curing time</td><td>Initial 2 hrs. Final 24 hrs, to take load</td></tr> <tr><td>Dry film appearance</td><td>Tough, Clear</td></tr> <tr><td>Toxicity</td><td>Non Flammable / Non Toxic</td></tr> <tr><td>Diluent</td><td>Water</td></tr> <tr><td>Preservatives</td><td>Anti fungicide</td></tr> </table>	Solid content	48%	Specific Gravity	1.06-1.08	Viscosity (Brookfield)	20,000-25,000 cps	M.F.F.T	5°C	Polymer	Polyvinyl Acetate	Binder	Polyvinyl Alcohol	Open time	20-30 min	Curing time	Initial 2 hrs. Final 24 hrs, to take load	Dry film appearance	Tough, Clear	Toxicity	Non Flammable / Non Toxic	Diluent	Water	Preservatives	Anti fungicide		
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	<p><b>TECHNICAL SERVICE DEPARTMENT</b></p> <p>RAKAM is pleased to offer full technical support on specific application.</p>																									
<p><b>COVERAGE</b></p> <p>Approximately 4-6 m<sup>2</sup> per kg. Depending on substrate.</p>	<p><b>STORAGE</b></p> <p>12 months in unopened containers, store away from sunlight and preferably at 10-30°C. Non Toxic and Non-flammable.</p>																									
<p><b>PACKAGING</b></p> <ul style="list-style-type: none"> <li>• 5 kg. Pail • 20 kg. Pail</li> <li>• 200 kg. Drum</li> </ul>																										