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**SWIFT®TAK 4310**

**Type of Adhesive**

Swift®tak 4310 is a ready to use 1-component adhesive for the woodworking industry with high moisture resistance (D3).

**Product Benefits**

By adding swift®hardener 4547 or swift®hardener 9538 blue stress group D4 will be achieved.

**Typical Applications**

Swift®tak 4310 is used for window and door manufacture, for dividing walls and element manufacturing, stairs, bonding of decorative plastic laminates, for assembly and corpus bondings and for hard exotic woods. It is particularly stable for gluing with resistance heaters and high frequency.

**Typical Properties**

<table>
<thead>
<tr>
<th>Raw material base</th>
<th>PVAc-Dispersion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Viscosity (Brookfield)</td>
<td>Ca. 10,000cP</td>
</tr>
<tr>
<td>Density</td>
<td>1.08 g/cm³</td>
</tr>
<tr>
<td>Crosslinking</td>
<td>5% Swift®hardener 4547</td>
</tr>
<tr>
<td></td>
<td>5% Swift®hardener 9538 blue</td>
</tr>
<tr>
<td>Pot Life</td>
<td>Ca. 4 – 5 hours</td>
</tr>
<tr>
<td>Consumption</td>
<td>120 – 200 g/m²</td>
</tr>
<tr>
<td>Wet Life</td>
<td>4 – 8 minutes</td>
</tr>
<tr>
<td>Storage Life</td>
<td>Ca. 12 months</td>
</tr>
<tr>
<td>Sensitive to cold</td>
<td>Yes – Do no freeze</td>
</tr>
</tbody>
</table>

---

**TECHNICAL DATA SHEET**

Version 2
05/10/2012

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**Our Focus is Clear. Perfecting Adhesives.**
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TECHNICAL DATA SHEET

Pressing Time – Woodworking

<table>
<thead>
<tr>
<th>temp</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>20° C</td>
<td>Ca. 15 mins</td>
</tr>
<tr>
<td>50° C</td>
<td>Ca. 5 mins</td>
</tr>
<tr>
<td>80° C</td>
<td>Ca. 2 mins</td>
</tr>
</tbody>
</table>

Pressing Time – Decorative plastic laminates

<table>
<thead>
<tr>
<th>temp</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>20° C</td>
<td>Ca. 15-20 mins</td>
</tr>
<tr>
<td>50° C</td>
<td>Ca. 5 mins</td>
</tr>
<tr>
<td>80° C</td>
<td>Ca. 2 mins</td>
</tr>
</tbody>
</table>

Pre-Conditions

Surfaces to be bonded must be dry and free of dust, dirt and other extraneous material.

The temperature of the room, the wood and the adhesive should not be below 18°C.

Moisture content of the wood should be 8 – 12%.

Relative humidity should be between 60 – 75%

Safety Advice

Please refer to the MSDS for safety advice.

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