

# HSC 2002 – Industrial Technology

## Selection and Justification of Components, Processes and Other Resources

Band 2/3

Lists some of the materials, components and processes.

### **SELECTION AND JUSTIFICATION**

<b><u>UNIT</u></b>	<b><u>OPTION AVAILABLE</u></b>	<b><u>SELECTION MADE</u></b>
Material	-Radiata pine -Taz oak -Maple	Maple  -fits in with other furniture  -strong hard wood  -fairly cost effective
<b>JOINTS</b>		
Shelving joints	-Stopped housing joint  -through housing joint  -through dovetail housing joint	Stopped housing joint  -hides joint  -easy to do
Units Top Slats	-Dovetail  -Corner half lapped or halving joint	Dovetail  -stronger joint  -conceals joint more
Drawer Joints	-Pin joint  -Common dovetail joint	Pin Joint  -Easier to produce
Door joints	-Plain mitre joined with biscuit	

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Joining of Timber	<ul style="list-style-type: none"><li>-Biscuit joint</li><li>-dowelled joint</li><li>-Slip tongue</li></ul>	<p>Both Biscuit and Slip tongue</p> <ul style="list-style-type: none"><li>-easy to produce</li><li>-more accurate</li></ul>
FINISHES	<ul style="list-style-type: none"><li>-Matt</li><li>-Saturn</li><li>-Gloss</li></ul>	<p>Gloss</p> <ul style="list-style-type: none"><li>-It looks good</li><li>-Keeps natural colour of timber</li><li>-Tough and durable</li></ul>
Attaching Top	<ul style="list-style-type: none"><li>-Brackets</li><li>-Screwing in through the slats</li></ul>	<p>Brackets</p> <ul style="list-style-type: none"><li>-neat and tidy</li></ul>