

HSC 2002 – Industrial Technology

Selection and Justification of Components, Processes and Other Resources

Band 3/4

Describes materials, components, processes, including simple industrial processes and equipment.

SELECTION & JUSTIFICATION OF MATERIALS, COMPONENTS, PROCESSES AND RESOURCES.

MATERIALS:

Body Timber/:

Meranti
Tasmanian Oak
Radiata Pine
Cedar

Backing:

Tasmanian Oak
Radiata Pine
give

Draws:

Meranti
Radiata Pine
is

Draw Bottoms:

Ply Lauan
MDF

Support Backing:

Meranti
Radiata Pine

Turned Component:

Meranti
project.
Radiata Pine

COMPONENTS:

Draw fronts:

Brass Handles
can
Timber Handles
Timber Knobs

Fixing to Wall:

Brackets
seen
Screwing

CHOICE

Meranti – straight grained, easy to work, will stain to colour I want, more durable than cedar

Tasmanian Oak – get in profile I wanted, can't get meranti readily in this profile,

overall strength.

Meranti– the timber will match the body therefore it will be visually attractive. It

also relatively easy to work.

Ply Lauan – cheap and colour matches meranti.

Meranti – the timber will match the colour of the body of the project.

Meranti – colour matches the body of

Brass Handles – not too expensive and I get them in colonial pattern.

Brackets – easy way to do it, will not be

or cause project appearance to be altered.

HSC 2002 – Industrial Technology

Selection and Justification of Components, Processes and Other Resources

Band 3/4

PROCESSES AND OTHER RESOURCES:

Routed edges:

Buy pre-set mouldings

Do Routering Myself (on main components)

–

Do the routering myself

able to gain more marks.

Buy Pre-set Mouldings (for fine difficult to router edge trim) – too difficult to do by hand.

Joining the body:

Screws

Series of Joints – looks better and able to

gain

Series of joints

more marks. Screws used to add extra

strength when I was

able to hind them behind mouldings etc.

Expert Assistance:

Timber Yard Owner – advice on materials.