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1.10 WALL LININGS					Р3
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	WALL LINING OPTION 01 Plywood AC Interior Grade Structural	Thickness: 9 or 12.5mm Material Size: 1200 x 2400 / 2700 mm Finish / Colour: Natural Cost:	Material Origin: Queensland, Australia Glue Type: Formaldehyde (see below) VOC details: Note: Emissions Class: Super E0 (Lowest emission rating obtainable)	Manufacturer: Supplier: Austral Ply	
	WALL LINING OPTION 02 Eco-Cert Certified Veneer - Tasmanian Oak AFS certified timber	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier: Briggs Veneers http://www.briggs.com.au/	
	WALL LINING OPTION 03) ECO8 Gyprock Plasterboard Green Building Council approved	Thickness: 10mm Material Size: varies Finish / Colour: NA Cost: varies	Material Origin: Recycled materials Glue Type: VOC details:	Manufacturer: Supplier: Gyprock http://www.gyprock.com.au/	
MO	WALL LINING OPTION 03 (feature walls) CHH Wood ECOply	Thickness: 7mm / 12mm Material Size: 1200 x 2400 / 2700 mm Finish / Colour: Natural Cost:	Material Origin: Glue Type: Formaldehyde (see below) VOC details: Note: Emissions Class: Super E0 (Lowest emission rating obtainable)	Manufacturer: Supplier: CHH Wood Products www.chhwoodproducts.com.au	
	WALL LINING OPTION 04 Cork Linoleum Recycled cork material	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details: Note:	Manufacturer: FORBO www.forbo-flooring.com.au Supplier:	





0 1.10 WALL LININGS					P4
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	WALL LINING OPTION 05 ShadowClad FSC certified Timber panel system	Thickness: 12mm Material Size: 1200mm x 2440mm Finish / Colour: Varies Cost:	Material Origin: Glue Type: see note below VOC details: Note: Manufactured using an 'A' Bond with less than 0.3mg/l Formaldehyde	Manufacturer: CHH Timber Supplier:	
USE FIBEROC	WALL LINING OPTION 06 Powerscape Recycled paper product 95% of the raw materials in Powerscape Fiberock are from recycled external waste streams.	Thickness: 10mm Material Size: 1200mm x 2440mm Finish / Colour: NA Cost: \$10.50 + GST per m²	emissions from the final product. Material Origin: Glue Type: No formaldehyde VOC details:	Manufacturer: USG Powerscape Supplier:	
	WALL LINING OPTION 07 Climateline by Climate Surfaces Powdercoated Fibre Cement Sheet	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details: No VOC	Manufacturer: Climate Surfaces Supplier:	





1.20 WET AREA LININGS **P5** IMAGE MATERIAL DESCRIPTION DETAILS SUPPLY / MANUFACTURE NOTES WET AREA LINING OPTION 01 6mm Material Origin: Manufacturer: Thickness: Material Size: Glue Type: Mirror Finish / Colour: VOC details: Cost: Supplier: Pilkington WET AREA LINING OPTION 02 Thickness: 6mm Material Origin: Manufacturer: Material Size: Glue Type: Tiles Finish / Colour: VOC details: Cost: Supplier: Classic Ceramics





- 1.30 ACOUSTIC FLOO	R LAYER				P6
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	ACOUSTIC FLOOR LAYER OPTION 01	Thickness:	Material Origin:	Manufacturer: Embeltons	
	Impacta Mat	Material Size:	Glue Type:		
		Finish / Colour:	VOC details:		
		Cost:			
				Supplier:	
	ACOUSTIC FLOOR LAYER OPTION 02	Thickness:	Material Origin:	Manufacturer:	
	Profloor Acoustic Mat System	Material Size:	Glue Type:	www.proctorgroup.com.au	
	,	Finish / Colour:	VOC details:		
		Cost:			
THE PARTY OF THE P				Supplier:	





1.40 CUPBOARD DOO	R LININGS				P7
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	CUPBOARD DOORS OPTION 01 Plywood AC Interior Grade Structural Plywood	Thickness: 9mm or 12.5mm Material Size: 1200 x 2400mm / 2700mm Finish / Colour: Natural Cost:	Material Origin: Queensland, Australia Glue Type: Formaldehyde (see below) VOC details: Note: Emissions Class: Super E0 (Lowest emission rating obtainable)	Manufacturer: Supplier: Austral Ply	
	CUPBOARD DOORS OPTION 02 MOSO Bamboo Tambour Faced Panel	Thickness: 20mm / 3.5mm or 7mm bamboo Material Size: Finish / Colour: Natural finish Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Eco Core Supplier: Designer Laminates	
	CUPBOARD DOORS OPTION 03 Plastic Plaspanel The Plaspanel manufacturing plant recycles polyethylene (HDPE) plastic scrap from both post-consumer domestic and industrial waste to produce flat sheet plastic panels	Thickness: 10mm Material Size: 2420 x 1220mm Finish / Colour: Various colours Cost: \$167 + GST per sheet	Material Origin: America Glue Type: VOC details:	Manufacturer: Unknown located in America Supplier: Plas Panel 41 Parer Road Airport West Victoria 3042 03 9310 5257 http://www.plaspanel.com.au/	
	CUPBOARD DOORS OPTION 04 PaperRock compressed paper composite	Thickness: 3mm / 6mm / 18mm Material Size: 1220 x 2440 mm Finish / Colour: sand / green / brown / black Cost: \$180 / \$300 / \$780	Material Origin: Australia Glue Type: Phenolic resin VOC details:	Manufacturer: Paperock 21 Hill Street, Leichardt NSW 02 9564 5454 / 0407945820 Supplier:	
	CUPBOARD DOORS OPTION 05 Amerind Premio Laminates FSC certified laminate	Thickness: 3mm / 6mm / 18mm Material Size: 1220 x 2440 mm Finish / Colour: sand / green / brown / black Cost: \$180 / \$300 / \$780	Material Origin: Australia Glue Type: Phenolic resin VOC details:	Manufacturer: Supplier: Amarind	





- 1.50 KITCHEN	I BENCHTOPS				P8
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	KITCHEN BENCHTOP FINISH OPTION 01	Thickness: 12mm	Material Origin:	Manufacturer:	
	Natural stone - Quartz ?	Material Size:	Glue Type:		
		Finish / Colour:	VOC details:		
		Cost:			
				Supplier:	
	KITCHEN BENCHTOP FINISH OPTION 02	Thickness: 18mm	Material Origin: Australia	Manufacturer: Paperock	
V	PaperRock compressed paper composite	Material Size: 1220 x 2440 mm	Glue Type: Phenolic resin	21 Hill Street, Leichardt NSW	
		Finish / Colour: sand / green / brown / black	VOC details:	02 9564 5454 / 0407945820	
		Cost: \$780			
				Supplier:	
				опринет.	
	VITOUEN DENOUTOR FINIOU ORTION 02	Thickness:	Material Origin: America	Manufacturer: KlipTech	
ASSESSMENT OF THE PARTY OF THE	KITCHEN BENCHTOP FINISH OPTION 03	Material Size:		Manufacturer. Riprecii	
	Recycled EcoTop benchtop	Finish / Colour: various	Glue Type: Non-toxic VOC details:		
	EcoTop is an FSC certified product, comprised of a		voo uetans.	Supplier: www.baresque.com.au	
	50/50 fiber blend of 100% post consumer recycled fiber	0031.		oupplier. www.baresque.com.au	
	and rapidly renewable bamboo fiber, then bound with a				
	clear 100% water-based system.				





IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	WALL INSULATION OPTION 01	Thickness: 25mm	Material Origin:	Manufacturer:	
	25mm Foilboard	Material Size:	Glue Type:		
		Finish / Colour:	VOC details:		
		Cost:		Supplier:	
	WALL INSULATION OPTION 02	Thickness: 90mm	Material Origin:	Manufacturer: Tontine	Green Tag Certified
	R2.5 Polyester	Material Size:	Glue Type:		Uses a minimum of 83%
	,	Finish / Colour:	VOC details:		recycled fibres
		Cost:		Supplier: Tontine	
	WALL INSULATION OPTION 03	Thickness: 90mm	Material Origin:	Manufacturer:	70% virgin wool
	R2.5 Wool / Poly blend	Material Size:	Glue Type:		30% polyester blend
	_	Finish / Colour:	VOC details:		
		Cost:		Supplier:	
	WALL INSULATION OPTION 04	Thickness: 5/10mm (or multiples of)	Material Origin:	Manufacturer:	Thermal Conductivity:
	Spacetherm	Material Size:	Glue Type:		0.014 w/m-k
		Finish / Colour:	VOC details:		
		Cost: \$90p/sheet 1.2m x 1.2m		Supplier:	
	WALL INSULATION OPTION 05	Thickness: 5/10mm (or multiples of)	Material Origin:	Manufacturer:	Thermal Conductivity:
	Spacetherm	Material Size:	Glue Type:		0.021 w/m-k
		Finish / Colour:	VOC details:		
		Cost: \$90p/sheet 1.2m x 1.2m		Supplier:	
	WALL INSULATION OPTION 06	Thickness: 50mm = R6	Material Origin:	Manufacturer:	
	Vaccum Insulated Panels	Material Size:	Glue Type:	www.nanopore.eu	
		Finish / Colour:	VOC details:	www.panasonic.com	
		Cost:		www.thermocorvip.com Supplier:	
	WALL INSULATION OPTION 07	Thickness:	Material Origin:	Manufacturer:	
	Phase Change Material	Material Size:	Glue Type:		
		Finish / Colour:	VOC details:	Supplier:	
		Cost: varies approx 5m2 \$215-\$250		phasechange.com.au	





\GE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	ROOF INSULATION OPTION 01	Thickness: 90mm	Material Origin:	Manufacturer: Tontine	Green Tag Certified
	R2.5 Polyester	Material Size:	Glue Type:		Uses a minimum of 83
	ingle i siyesisi	Finish / Colour:	VOC details:		recycled fibres
		Cost:		Supplier: Tontine	
	ROOF INSULATION OPTION 02	Thickness: 90mm	Material Origin:	Manufacturer:	70% virgin wool
		Material Size:	Glue Type:	manatatator.	30% polyester blend
	R2.5 Wool / Poly blend	Finish / Colour:	VOC details:		00% polyddiol blolld
		Cost:	voo dotano.	Supplier:	
	ROOF INSULATION OPTION 03	Thickness:	Material Origin:	Manufacturer: Glareshield	Thermal Resistance:
	Air Cell	Material Size:	Glue Type:		R0.14
		Finish / Colour:	VOC details:		
		Cost:		Supplier:	





3.10 FLOORING STF	RUCTURE				P11
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	FLOOR STRUCTURE OPTION 01 Particleboard	Thickness: 22mm Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	
	FLOOR STRUCTURE OPTION 02 Strandboard Oriented Strand Board (OSB) is an engineered wood product formed by layering strands of wood in specific orientations. It is suitable for internal use only.	Thickness: Material Size: 1220 x 2440 mm Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	
	FLOOR SYSTEMS OPTION 04 Reinforced Concrete Slab with Cement base	Thickness: 120mm Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	
	FLOOR SYSTEMS OPTION 05 Reinforced Concrete Slab with 20-30% Fly Ash for cement	Thickness: 120mm Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	
	FLOOR SYSTEMS OPTION 05 Reinforced Concrete Slab with Geopolymer replacement for cement as the binder in concrete. ie. ZeoBond	Thickness: 120mm Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	





		P12
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IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	FLOOR SYSTEMS OPTION 01 Timber Cassette Units Timber framing cladd with flooring substrate assembled as a pre-fabricated module.	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	Applied floor finish to top with aesthetic underside
	FLOOR SYSTEMS OPTION 02 Hume Slab Erect and prop wall panels	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	
	FLOOR SYSTEMS OPTION 03 Hollowcore	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	





IAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	BRACING OPTION 01	Thickness: 6mm	Material Origin:	Manufacturer:	
	6mm OSB	Material Size:	Glue Type:		
		Finish / Colour:	VOC details:		
		Cost:			
				Supplier:	
	BRACING OPTION 02	Thickness: 7mm	Material Origin:	Manufacturer:	
	7mm C/D Bracing Plywood F11	Material Size:	Glue Type:		
	7 min 0/ B Bracing 1 lywood 1 1 l	Finish / Colour:	VOC details:		
		Cost:			
				Supplier:	
	BRACING OPTION 03	Thickness: 4mm	Material Origin:	Manufacturer:	
	4mm Plywood F27	Material Size:	Glue Type:		
	4iiiii Fiywood F27	Finish / Colour:	VOC details:		
		Cost:			
				Supplier:	





FIDE DATED WALL OPTION OF				
FIRE RATED WALL OPTION 01	Thickness: 150 - 180mm	Material Origin:	Manufacturer:	May add complexity to
Precast concrete panel + bulk Insulation	Material Size: NA Finish / Colour: Natural Raw Concrete or applied finish	Glue Type: VOC details:		project in terms of building
Pre-cast concrete panel, potentially with additional lightweight timber framed insulated wall adjoining.	Cost:	2-4 hour fire rating	Supplier: Composite Global 6A Monomeath Avenue, Toorak VIC 03 9824 8211	
FIRE RATED WALL OPTION 02 ThermoMass Pre-cast concrete 2 component system sandwich panel system. Outer layer of concrete is non load-bearing, inner layer is load bearing	Thickness: 150 - 180mm Material Size: NA Finish / Colour: Natural raw concrete or applied finish Cost: \$350 per m blocks only (estimate)	Material Origin: Glue Type: VOC details: 2-4 hour fire rating	Manufacturer: Supplier: Composite Global 6A Monomeath Avenue, Toorak VIC	May add complexity to project in terms of building



FIRE RATED WALL OPTION 04 Lightweight timber framing with fire-rated plasterboard cladding





/IAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	Shadowclad				
	8-9mm Compressed Sheet	Thickness: 4mm	Material Origin:	Manufacturer:	
	·	Material Size:	Glue Type:	Hardies	
		Finish / Colour:	VOC details:	CSR	
		Cost:		Express Wall	
				Supplier:	





• 4.20 GLAZING					
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	GLAZING 01 Pilkington Double Glazing / Pilkington Triple Glazing	Thickness: Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Pilkington Supplier: Dulux	





● 5.10 PAINT FINIS	HES				P17
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	INTERNAL PAINT OPTION 01 Resene Zylone SpaceCote GECA certified low and zero-VOC paints	Thickness: NA Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Resne www.resene.co.nz Supplier: Resne	
	INTERNAL PAINT OPTION 02 Dulux Eco Choice Range Low VOC paint	Thickness: NA Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details: 5g/litre of VOC	Manufacturer: Dulux	
				Supplier: Dulux	
	EXTERNAL WOOD STAIN OPTION 01 Cutek Green Oil	Thickness: NA Material Size: Finish / Colour: Cost:	Material Origin: Queensland Glue Type: VOC details: 173g/litre of VOC	Manufacturer: Chemisys Supplier: Timber Coatings	
	EXTERNAL WOOD STAIN OPTION 02 Resene Woodsman Wood Oil Stain Penetrating oil stain - exterior - solventborne	Thickness: NA Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details: 557g/litre of VOC	Manufacturer: Resene Supplier: Resene	
	EXTERNAL PAINT OPTION 01 Resene Exterior Paint Low VOC	Thickness: NA Material Size: Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: Resene Supplier: Resene	





OTHER					
IMAGE	MATERIAL	DESCRIPTION	DETAILS	SUPPLY / MANUFACTURE	NOTES
	DECK Modwood ModWood is manufactured mainly from recycled products, including plastics and wood flour	Thickness: 23mm Material Size: W137 mm / W88mm x L5400mm Finish / Colour: various Cost:	Material Origin: Melbourne, Australia Glue Type: VOC details:	Manufacturer: Modwood Supplier: Modwood	
	DECK Silvertop Ash	Thickness: Material Size: Finish / Colour: Cost: \$60-60p/m2	Material Origin: Glue Type: VOC details:	Manufacturer: Supplier:	
	EXTERNAL SCREEN FABRIC Helio Screen The fabric makes a significant contribution to building's heat management by cutting out up to 86% of the sun's rays, whilst still providing visibility to the outside.	Thickness: Material Size: W 2670mm Finish / Colour: Cost:	Material Origin: Glue Type: VOC details:	Manufacturer: www.helioscreen.com.au Supplier:	



INTERNAL

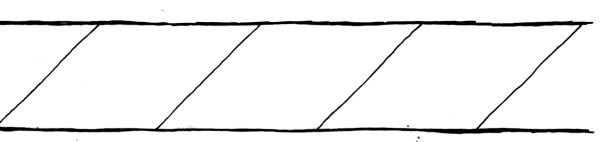
EXTERNAL

WALL TYPE 01:

LIGHTWEIGHT TIMBER FRAMED WALL WITH PANEL EXTERNAL CLADDING

- Internal lining
- 90mm timber studwork
- Insulation batts R: 2.5
- Structural lining board
- · Foil breathable sisilation
- 25Mm thick foil board R:
- 19mm vented cavity / 42 x 19mm acq treated battens
- External lining
- Applied finish

INTERNAL



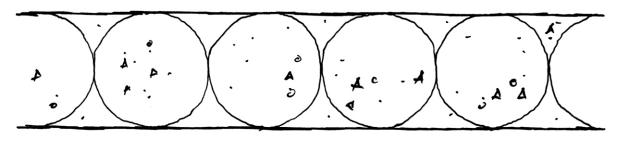
EXTERNAL

WALL TYPE 02:

140MM CONCRETE BLOCKWORK

140mm core filled concrete blockwork

INTERNAL



EXTERNAL

WALL TYPE 03:

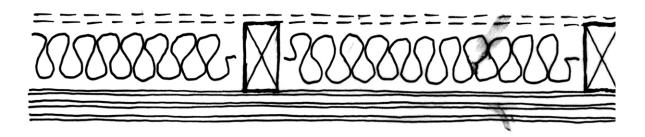
150MM PRE-CAST CONCRETE PANEL

• 150mm steel reinforced pre-cast concrete panel



WALL TYPE 04: INTERNAL DOUBLE GLAZING • 6-12-6 double glazing, argon filled **EXTERNAL** WALL TYPE 05: INTERNAL TRIPLE GLAZING • 6-12-6-12-6 triple glazing, argon filled **EXTERNAL**

INTERNAL



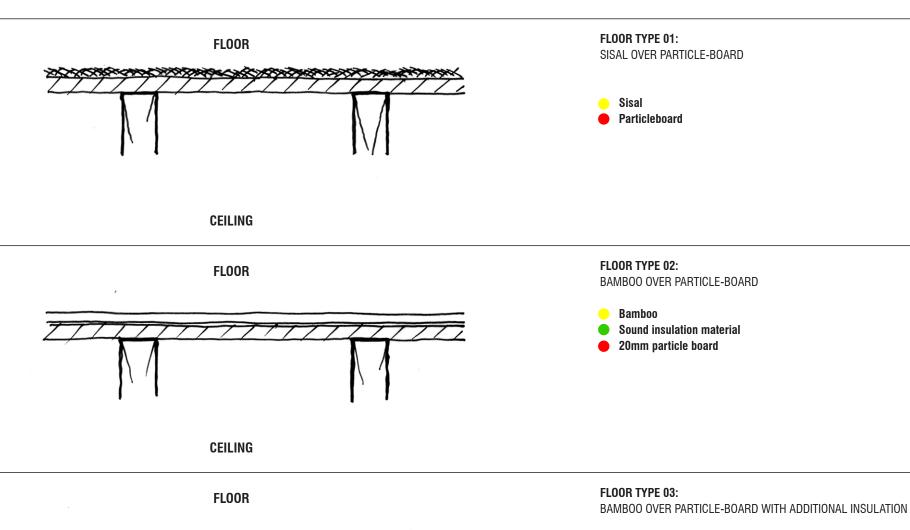
EXTERNAL

WALL TYPE 06:

SPANDRELL WALL WITH DOUBLE GLAZING

- Internal lining
- 90mm timber studwork
- Insulation batts
- R: 2.5
- structural lining board
- 10mm sealed air gap
- 6-12-6 double glazing, argon filled





- Bamboo
- Sound insulation material
- 20mm particle board
- Optional:
- A: foilboard
- phase change material
- Ceiling lining; as per internal cladding options



CEILING

