

Basix Requirements Summary - Multi Dwelling			
Freshwater Unit Development 50 Lawrence Street Freshwater NSW 2096	Prepared by Chapman Environmental Services www.basixcertificates.com.au 1300 004 914		

Water Target	40	Water Score	42
Energy Target	35	Energy Score	35
Max. Heating Load is (MJ/m ²)	40	Actual Heating Load	21.7
Max. Cooling Load is (MJ/m ²)	26	Actual Cooling Load	24.1

Basix Commitments				
Landscaping	Total area of garden & lawn (m ²)	54	Area of indigenous/low water use plants (m ²)	0

Fixtures	Shower heads	4 star (> 4.5 but <= 6 L/min)	Toilets	4 star	All taps	5 star
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Energy	Hot water system	Gas instantaneous	Rating	5 star	n/a
	Bathroom ventilation	Individual fan, ducted to facade or roof	with	Manual switch on/off	
	Kitchen ventilation	Individual fan, ducted to facade or roof	with	Manual switch on/off	
	Laundry ventilation	Individual fan, ducted to facade or roof	with	Manual switch on/off	
	Cooling - living areas	1-phase airconditioning	Rating	EER 2.5 - 3.0	
	Cooling - bedrooms	1-phase airconditioning	Rating	EER 2.5 - 3.0	
	Heating - living areas	1-phase airconditioning	Rating	EER 2.5 - 3.0	
	Heating - bedrooms	1-phase airconditioning	Rating	EER 2.5 - 3.0	
	Alternate Energy	Photovoltaic system able to generate at least		3.0	
Gas cooktop & electric oven	No outdoor clothesline required		Indoor clothesline required		

Thermal Performance Assessment Based on the Following Requirements			
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Floor Types	Suspended concrete slab	with	R1.2 Foilboard insulation to all units where open under (carpark etc)
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External Walls	Steel framed With Pronto Rendered Panels 60mm	with	Sarking and R2.5 bulk insulation	Colour	Light
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Internal Walls	Plasterboard	with	Nil
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Party Walls	180mm AFS or equivalent	with	Unit 6/Stairs wall needs to be lined and have R1.2 bulk insulation
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Ceiling (floor over)	Concrete above plasterboard	with	Nil
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Ceilings (roof over)	Concrete above plasterboard	with	R3.5 Foilboard insulation
	Timber above plasterboard.	with	R3.5 bulk insulation

Roof	Concrete	with	Waterproof membrane only	Colour	Light
	Metal	with	R1.3 roof blanket	Colour	Light

Windows and Doors	Architectural Window Systems	AWS-066-03 A AWS Uval 3.91 SHGC 0.62 Glass 638ComPlsClr Frame AWS-066 RES SERIES 516 FIXED WINDOW SG
	All 6.38 Comfort Plus unless noted otherwise (Louvres 6ET)	VAN-004-08 A AWS Uval 4.51 SHGC 0.54 Glass 6ET Frame VAN-004 SERIES 525 LOUVRE WINDOW SG
		AWS-007-19 A AWS Uval 4.90 SHGC 0.53 Glass 638CP Frame AWS-007 516 Al Awining Window SG
		AWS-011-18 A AWS Uval 4.36 SHGC 0.59 Glass 638CP Frame AWS-011 541-542 Al Sliding Door SG
	(Unit 4: D204), (Unit 6: D205, D206), (Unit 7: D207, D208), (Unit 8: D201, D202), (Unit 9: D304, D305), (Unit 10: D303), (Unit 11: D301, D302)	AWS-089-62 A AWS Uval 2.18 SHGC 0.40 Glass LightbridgeNeutralSI_638_12_5mm Frame AWS-089 RES SERIES 704 FLUSH SLIDING DOOR DG
(Unit 6: W212, W213), (Unit 8: W201, W202), (Unit 11: W307, W308)	AWS-071-33 A AWS Uval 2.68 SHGC 0.25 Glass 4mmLoE-366-12Ar-4mmClr Frame AWS-071 RES SERIES 616 FIXED WINDOW DG	

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