Assessor # 20735 ASBA Certificate # 49422326 Issued: 20th May 2010 Basix Certificate # 277835M & 278030M & 278035M

Thermal Performance Specification (Multi Dwelling)

These are the specification upon which the Certified Assessment is based. If they vary from drawings or other written specifications, these Specifications shall take precedence. If only one specification is detailed for a building element, that specification applies to all instances of that element, the location and extent of alternate specifications must be detailed below and / or clearlyindicated on referenced documents.

Blg #	Unit #	Typical for Unit	Fixed Shading: Eaves Width	Fixed Shading: Eaves Offset	Fixed Shading: Pergola (Balcony & Shading Devices 100% Shade Factor)	External Walls: Material	External Walls: Ins	External Walls: Colour	Internal Walls: Within Apartment Mat	Internal Walls: Within Apartment Ins	Internal Walls: Between Apartments Mat	Internal Walls: Between Apartments Ins	Windows & Glass Block: Glazing ID	U-Value (glazing + frame)	SHGC (glazing + frame)	Description	Frame	Covers: Int	Covers: Ext	Area (m²)	Skylights: Type	Roof: Mat	Roof: Ins (Below Concrete)	Roof: Colour	Ceilings: Mat	Ceilings: Ins	Floors: Cover (Kitchens, Laundries and Bathrooms)	Floors: Cover (Living and Bedrooms)	Floors: Mat	Floors: Ins (Below Concrete)	Orientation, Exp, Vent, Infil: North Offset	Terrain	Roof Ventilation	SubFloor Ventilation	Cross Ventilation (Window Openable Area)	Living open to entry	Living sep. by doors	Stair open heat areas	Seals to wind, doors	Exhaust Fans w/o dampers	Vent Skylights	Open Fireplace	Vent Downlights	Wall, ceiling vents
1	301	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	24.8	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	302	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	27.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	No	No	N/A	Yes	No	No	No	No	No
1	303	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	27.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	No	No	N/A	Yes	No	No	No	No	No
1	304	404-1004	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	20.0	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	305	405-905, 306-906	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	5.7	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	307	407-1007	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	20.0	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	308	408-1008, 1106-1806	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	28.5	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	309	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	28.5	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	310	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	24.8	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	401	501-1901	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	24.8	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	402	502	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	27.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	No	No	N/A	Yes	No	No	No	No	No
1	403	503	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	27.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	No	No	N/A	Yes	No	No	No	No	No
1	409	509-1009, 1107-2007	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	28.5	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	410	510-1010, 1108-1908	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	24.8	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	602	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	27.9	None	200mm concrete + Insulation + plasterboard	R2.5	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	No	No	N/A	Yes	No	No	No	No	No
1	603	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	27.9	None	200mm concrete + Insulation + plasterboard	R2.5	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	No	No	N/A	Yes	No	No	No	No	No
1	702	802-2002	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	22.6	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	703	803-2003	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	22.6	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	1005	1006	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	5.7	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	1104	1204-2004	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	33.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	1105	1205-1805	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	33.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	1905	2005	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	17.7	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	1906	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	39.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2001	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	24.8	None	200mm concrete + Insulation + plasterboard	R2.5	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2006	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	39.9	None	200mm concrete + Insulation + plasterboard	R2.5	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2008	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	24.8	None	200mm concrete + Insulation + plasterboard	R2.5	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2101	2201-2701	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	41.3	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2102	2202-2702	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	29.3	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2103	2203-2703	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	29.3	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2104	2204-2704	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	25.9	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2105	2205-2705	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	38.0	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2106	2206-2706	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	35.1	None	None	None	None	150mm Concrete with plasterboard	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	N/A	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2801	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	41.3	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2802	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	29.3	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2803	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	29.3	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2804	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	25.9	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2805	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs	None	75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	38.0	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	2806	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs		75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	35.1	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No
1	Manager's Apartment	None	0	0	As per plan	90mm Conc Brick Vaneer Wall + Ins & Plasterboard	R1.5	Medium	Plasterboard with studs		75mm AAC panel with plasterboard both sides	None	0119	4.87	0.582	4mm Sunergy	Aluminium	Holland Blind	As per plan and elevation	31.9	None	200mm concrete + Insulation + plasterboard	R2.5	None	N/A	None	Ceramic Tiles	Carpet	150mm Concrete Slab	None	339°	Suburban	Standard	None	As per elevations	Yes	No	N/A	Yes	No	No	No	No	No

Assessor Stamp

ABSA
Assr # 20735 Cert # 49422326
Sign
Date 20/05/2010

**** Window and Skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 10% higher or lower, than the U and the SHGC values of the product specified above.**