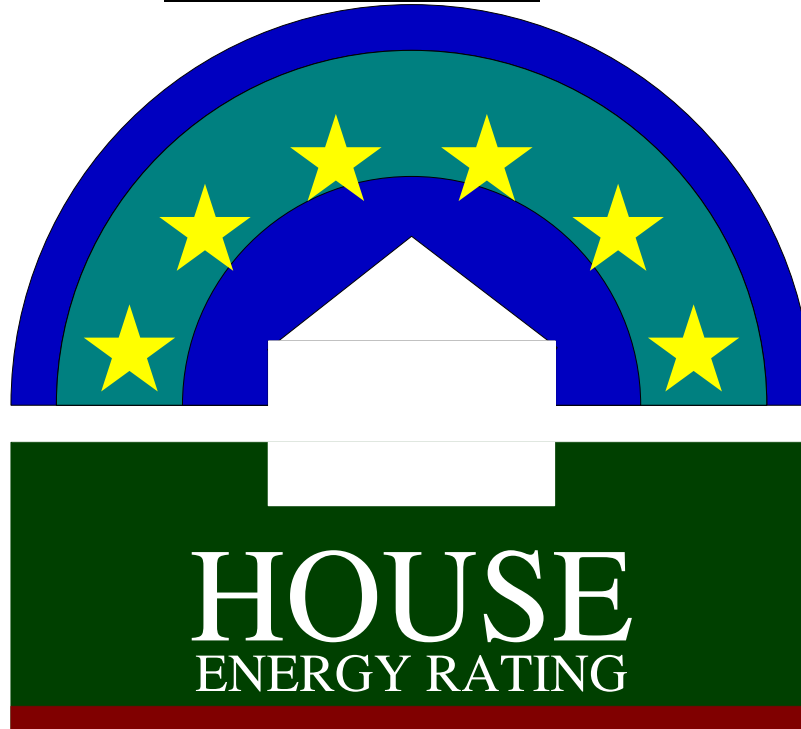


FirstRate Report



YOUR HOUSE ENERGY RATING IS: ★ ★ ★ ★ ★ ★ **6 STARS**
in Climate: 24 **SCORE: 21 POINTS**

Name: Harry Crawford

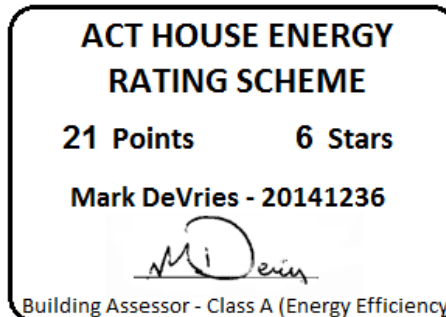
Ref No:

House Title: Block 3 Section 7 Unit 74 Reid

Date: 15-11-2024

Address: 74/14 Boole Street
Reid

Reference: \\TSCLIENT\C\USERS



2612

REID

This rating only applies to the floor plan, construction details, orientation and climate as submitted and included in the attached Rating Summary. Changes to any of these could affect the rating.

Appliance Ratings

Heating: Unknown Heater / Unknown Rating



Cooling: Unknown Cooling / Unknown Rating

HotWater: Unknown Hot Water System / Unknown Rating

The appliance ratings above are based on information provided by the applicant and are included for information purposes only. They do not affect the House Energy Rating of the dwelling.

IMPROVING YOUR RATING

The table below shows the current rating of your house and its potential for improvement.

Star Rating	POOR			AVERAGE				GOOD			V. GOOD	
	0 Star	★	★★	★★★	★★★★	★★★★★	★★★★★★	★★★★★★★	★★★★★★★★	★★★★★★★★★		
Point Score	-71	-70	-46	-45	-26	-25	-11	-10	4	5	16	17
Current	21											
Potential	54											

Incorporating these design options will add the additional points required to achieve the potential rating shown in the table. Each point represents about a 1% change in energy efficiency. This list is only a guide to the range of options that could be used.

Design options

Additional points

Change frame to Aluminium-Improved	8
Change curtain to Heavy Drapes & Pelmets	15
Seal Gaps & Cracks	4
Weather strip entry door	5

ORIENTATION

Orientation is one of the key factors which influences energy efficiency. This dwelling will achieve different scores and star ratings for different orientations.

Current Rating	21	★★★★★★
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Largest windows in the dwelling;

Direction : North West

Area : 8 m²

The table below shows the total score for the dwelling when these windows face the direction indicated.

Note that obstructions overshadowing windows have been removed from all windows in these ratings to allow better comparisons to be made between orientations.

ORIENTATION	POINT SCORE	STAR RATING
1. North West	21	★★★★★★
2. North	27	★★★★★★
3. North East	23	★★★★★★
4. East	13	★★★★★☆
5. South East	8	★★★★★
6. South	8	★★★★★
7. South West	8	★★★★★
8. West	10	★★★★★

FirstRate Mode
Climate: 24

RATING SUMMARY for: Block 3 Section 7 Unit 74 Reid, 74/14 Boole Street, Reid

Assessor's Name: Mark DeVries 20141236

Net Conditioned Floor Area: 50.2 m²

				Points		
Feature				Winter	Summer	Total
CEILING				15	0	15
Surface Area:	112	Insulation:	-99			
WALL				-11	4	-7
Surface Area:	5	Insulation:	-23	Mass:	11	
FLOOR				22	-5	17
Surface Area:	16	Insulation:	-3	Mass:	4	
AIR LEAKAGE (Percentage of score shown for each element)				-7	0	-8
Fire Place	0 %	Vented Skylights	0 %			
Fixed Vents	0 %	Windows	14 %			
Exhaust Fans	21 %	Doors	33 %			
Down Lights	0 %	Gaps (around frames)	32 %			
DESIGN FEATURES				0	-1	-1
Cross Ventilation	-1					
ROOF GLAZING				0	0	0
Winter Gain	0	Winter Loss	0			
WINDOWS				-19	-6	-25
Window Direction	Area		Point Scores			
	m2	%NCFA	Winter* Loss	Winter Gain	Summer Gain	Total
NW	8	16%	-44	25	-5	-25
Total	8	16%	-44	25	-5	-25

* Air movement over glazing can significantly increase winter heat losses. SEAV recommends heating/cooling duct outlets be positioned to avoid air movement across glass or use deflectors to direct air away from glass.

The contribution of heavyweight materials to the window score is 1 point

			Winter	Summer	Total
RATING	★ ★ ★ ★ ★ ★		-1	-8	21*
SCORE					

* includes 30 points from Area Adjustment

Detailed House Data

House Details

ClientName Harry Crawford
HouseTitle Block 3 Section 7 Unit 74 Reid
StreetAddress 74/14 Boole Street
Suburb Reid
Postcode 2612
AssessorName Mark DeVries 20141236
FileCreated 15-11-2024

Climate Details

State
Town Canberra
Postcode 2600
Zone 24

Floor Details

<u>ID</u>	<u>Construction</u>	<u>Sub Floor</u>	<u>Upper</u>	<u>Shared</u>	<u>Foil</u>	<u>Carpet</u>	<u>Ins RValue</u>	<u>Area</u>
1	Suspended Slab	Enclosed	No	Yes	No	Carp	R0.0	35.2m ²
2	Suspended Slab	Enclosed	No	Yes	No	Float Timb	R0.0	11.2m ²
3	Suspended Slab	Enclosed	No	Yes	No	Tiles	R0.0	7.6m ²

Wall Details

<u>ID</u>	<u>Construction</u>	<u>Shared</u>	<u>Ins RValue</u>	<u>Length</u>	<u>Height</u>
1	Brick Cavity	No	R0.0	14.0m	2.4m
2	Framed: FC Sheet Clad	Yes	R0.0	22.5m	2.4m

Ceiling Details

<u>ID</u>	<u>Construction</u>	<u>Shared</u>	<u>Foil</u>	<u>Ins RValue</u>	<u>Area</u>
1	Flat - Suspended Slab	Yes	No	R0.0	54.0m ²

Window Details

<u>ID</u>	<u>Dir</u>	<u>Height</u>	<u>Width</u>	<u>Utility</u>	<u>Glass</u>	<u>Frame</u>	<u>Curtain</u>	<u>Blind</u>	<u>Fixed & Adj Eave</u>	<u>Fixed Eave</u>	<u>Head to Eave</u>
1	NW	2.0m	2.1m	No	SG	ALSTD	VB	No	1.5m	1.5m	0.8m
2	NW	2.0m	1.8m	No	SG	ALSTD	VB	No	1.5m	1.5m	0.8m

Window Shading Details

<u>ID</u>	<u>Dir</u>	<u>Height</u>	<u>Width</u>	<u>Obst Height</u>	<u>Obst Dist</u>	<u>Obst Width</u>	<u>Obst Offset</u>	<u>LShape Left Fin</u>	<u>LShape Left Off</u>	<u>LShape Right Fin</u>	<u>LShape Right Off</u>
1	NW	2.0m	2.1m	0.0m	0.0m	0.0m	0.0m	1.5m	4.7m	1.5m	0.8m
2	NW	2.0m	1.8m	0.0m	0.0m	0.0m	0.0m	1.5m	0.9m	1.5m	4.0m

Zoning Details

Is there Cross Flow Ventilation ? Poor

Air Leakage Details

Location Suburban
Is there More than One Storey ? No
Is the Entry open to the Living Area ? Yes
Is the Entry Door Weather Stripped ? No
Area of Heavyweight Mass 0m²

Area of Lightweight Mass 0m²

	<u>Sealed</u>	<u>UnSealed</u>
Chimneys	0	0
Vents	0	0
Fans	3	0
Downlights	0	0
Skylights	0	0
Utility Doors	1	0
External Doors	0	1
Unflued Gas Heaters		0
Percentage of Windows Sealed		98%
Windows - Average Gap		Small
External Doors - Average Gap		Small
Gaps & Cracks Sealed		No