

NATHERS CERTIFICATE

NATIONWIDE HOUSE ENERGY RATING SCHEME

NCC 2022 Compliant
Western Australia

PROPERTY & DWELLING INFORMATION

Property Address:	14 Cambridge Street, Leederville WA 6007		
Lot / Plan Details:	Lot 42 / SP 18492	Climate Zone:	Zone 13 (Perth Met)
Conditioned Area:	245.50 m ²	Dwelling Type:	Class 1a (Single Residence)

ENERGY PERFORMANCE EVALUATION

THERMAL PERFORMANCE RATING

7.5 / 10

★★★★★☆☆☆☆ STARS

Heating Load:	24.1 MJ/m ² /yr
Cooling Load:	18.6 MJ/m ² /yr
Total Thermal Load:	42.7 MJ/m ² /yr
NCC 2022 Benchmark:	7.0 Stars Minimum

WHOLE OF HOME PERFORMANCE

82 / 100

HIGH ENERGY EFFICIENCY

Net Greenhouse Gas:	2.1 t CO ₂ -e/year
Solar PV Offset:	6.6 kW PV Installed
HVAC Efficiency:	5-Star Heat Pump
NCC 2022 Benchmark:	60 / 100 Minimum

BUILDING ENVELOPE & THERMAL ELEMENTS

BUILDING ELEMENT	SPECIFICATION & THERMAL PROPERTIES
External Walls	Double Clay Brick (Face Brick exterior, plaster finish interior) with R2.0 Cavity Insulation Batts.
Glazing & Windows	Low-E Double Glazed Aluminium Frames throughout (U-Value ≤ 3.2, SHGC: 0.45). Fully weather-sealed.
Roof & Ceiling	Sheet Metal Roofing (Solar Absorptance ≤ 0.40, Light Finish) + R5.0 Ceiling Insulation Batts.
Subfloor / Ground	Concrete Slab on Ground with polished finish / timber overlay. Perimeter damp-proofing installed.
Water Heating	High-efficiency Commercial Grade Heat Pump Water Heater (CoP > 3.8).
Lighting & Solar	100% LED Lighting (< 4W/m ²) + 6.6 kW Photovoltaic Solar System with smart inverter.

PASS

NCC 2022 Energy Efficiency Compliance Verified

This dwelling complies with the Western Australian Building Regulations and the National Construction Code (NCC 2022) Volume One/Two provisions for thermal performance and Whole of Home energy usage.

ASSESSOR CERTIFICATION & AUDIT DETAILS

Accredited Assessor Name: J. Miller
Accreditation Organisation: Design Matters National (DMN)
Assessor Accreditation No.: WA-20814
Rating Software & Version: FirstRate5 v5.3.2 (NatHERS Engine v3.21)
Certificate Number: 0008492019-A

