

REPORT SUMMARY

DWELLING 1

R-Value of Roof Insulation	R5.0 Insulation (uno) R4.0 Insulation (Garage only)
R-Value of External Wall Insulation	R2.5 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (Upper Floor uno) R1.5 Insulation (dividing wall between Garage & Dwelling)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	R1.5 Insulation
Glazing	Single Glazed Energy Tech - Living/Dine 24.42 ASD, 24.27 & 2/06.06 AAW/ only Single Glazed - All other Glazing NOTE: Glazing based on Southern Star proprietary systems
Downlights	Note: Refer to 'Proposed building model' for construction values IC rated (if applicable)

DWELLING 2, 3 & 5

R-Value of Roof Insulation	R3.0 Insulation
R-Value of External Wall Insulation	R2.0 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (dividing wall between Garage & Dwelling only)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	N/A
Glazing	Single Glazed - All Glazing NOTE: Glazing based on Southern Star proprietary systems
Downlights	IC rated (if applicable)

DWELLING 4

R-Value of Roof Insulation	R3.5 Insulation
R-Value of External Wall Insulation	R2.0 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (dividing wall between Garage & Dwelling only)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	N/A
Glazing	Single Glazed - All Glazing NOTE: Glazing based on Southern Star proprietary systems
Downlights	IC rated (if applicable)

DWELLING 6

R-Value of Roof Insulation	R5.0 Insulation (uno) R4.0 Insulation (Garage only)
R-Value of External Wall Insulation	R2.5 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (dividing wall between Garage & Dwelling only)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	R1.5 Insulation
Glazing	Single Glazed Energy Tech - Family/Dine 24.42 ASD only Single Glazed - All other Glazing NOTE: Glazing based on Southern Star proprietary systems
Downlights	Note: Refer to 'Proposed building model' for construction values IC rated (if applicable)

DWELLING 7

R-Value of Roof Insulation	R3.1 Polyester Acoustic Insulation
R-Value of External Wall Insulation	R2.0 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (dividing wall between Garage & Dwelling only)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	R1.5 Insulation (Bed 1 only)
Glazing	6.52 mm Laminated Glazed - All Glazing NOTE: All ventilation openings to be acoustically treated : Glazing based on Bradford proprietary systems
Downlights	Note: Refer to 'Proposed building model' for construction values IC rated (if applicable)

DWELLING 8, 9, 10 & 11

R-Value of Roof Insulation	R3.1 Polyester Acoustic Insulation
R-Value of External Wall Insulation	R2.0 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (dividing wall between Garage & Dwelling only)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	N/A
Glazing	6.52 mm Laminated Glazed - All Glazing NOTE: All ventilation openings to be acoustically treated : Glazing based on Bradford proprietary systems
Downlights	Note: Refer to 'Proposed building model' for construction values IC rated (if applicable)

R-Value of Roof Insulation	R3.1 Polyester Acoustic Insulation plus R1.3 Roof Blanket
R-Value of External Wall Insulation	R2.5 Insulation
R-Value of Internal Wall Insulation	R1.5 Insulation (dividing wall between Garage & Dwelling only)
R-Value of Party Wall Insulation	R2.0 Insulation (both sides as per manufacturers requirements)
R-Value of Suspended Floor Insulation	R1.5 Insulation (Bed 1 only)
Glazing	6.5 mm Viridian ComfortHush Laminated Glazed Clear - Family/Dine 24.42 ASD only 6.52 mm Laminated Glazed - All other Glazing NOTE: All ventilation openings to be acoustically treated : Glazing based on Bradford proprietary systems
Downlights	Note: Refer to 'Proposed building model' for construction values IC rated (if applicable)

Notes:

1. All data used for modelling of the Deemed-to-Satisfy building is located in First Rate 5 Deemed -to-Satisfy building model. DO NOT use any glazing data from NCC Volume Two Glazing Calculator or insulation and glazing data from First Rate 5 Deemed -to-Satisfy building model for construction purposes.
2. Dwellings 7 - 12 (inclusive) have been upgraded in both Ceiling Insulation and Glazing for acoustic requirements as per Decision Notification Form Condition 5 prepared by City of Holdfast Bay, dated 26/07/2017
3. The Hebel PowerPanel External Wall System shall be constructed in strict accordance with 'Houses and Low Rise Multi Residential PowerPanel External Walls - Design and Installation Guide'.
4. Unitek External Cladding System shall be constructed in strict accordance with 'Technical Manual - Unitek Base Board System' dated June 2015
5. The Scyon Matrix/Axon Cladding System shall be constructed in strict accordance with 'Technical Supplement' prepared by James Hardie
6. All details regarding Boral Partiwall System Type 25TP1010A shall be in strict accordance with manufacturers requirements. Insulation nominated by Boral Partiwall System Type 25TP1010A which exceeds this energy report shall take precedence.
7. All glazing nominated in Report Summary shall be in strict accordance with AS 1288 and AS 2047.
8. This energy assessment report is not a star rating report.
- Disclaimer:

1. All items contained in this report directly correlate to the National Construction Code Series 2016 - Volume Two.
As such, this company shall take no responsibility regarding the accuracy of this report and the National Construction Code Series 2016 - Volume Two shall be used as a reference at all times.
All Insulation, Glazing and other requirements nominated in the Report Summary shall be strictly adhered to, otherwise this office shall not accept any liability.
The installation and construction of materials to achieve the requirements of this report shall be performed in strict accordance with the manufacturers specifications and relevant Australian Standards. As such, this office shall not be responsible for any reduced performance caused by either poor installation and/or defective workmanship.
Any discrepancies on site which directly effect the overall performance and nominated energy rating shall be brought to the attention of this office immediately. An amended energy assessment may be required.
This energy compliance report is based entirely on the documentation stamped by this office. Any alterations to the design may alter the energy efficiency compliance of the dwelling or addition and as such, an amended energy compliance report shall be required.

2. This is not a structural report. All assumptions and recommendations made within this report are for energy efficiency purposes only and should be verified by a suitably qualified structural expert as required.