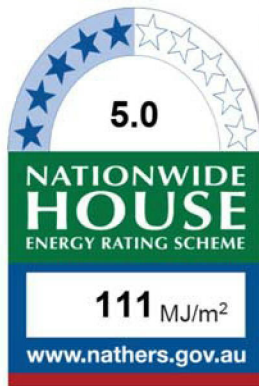


# Deanei Energy Rating /Deanei Drawing Board

Mike Purtell  
Phone/Fax (02) 47 512143  
Accredited HERS Assessor

Email : [purtells@tpg.com.au](mailto:purtells@tpg.com.au)



Certificate no.: 0002930824-01  
Assessor Name: Mike Purtell  
Accreditation no.: 20517  
Certificate date: 09 Jul 2018  
Dwelling Address:  
168 Church Lane  
Castlereagh, NSW  
2749  
[www.nathers.gov.au](http://www.nathers.gov.au)



## Date : 9/7/2018 revised Thermal Performance Specification New House

### 168 Church Lane Castlereagh NSW 2749

Assessor Michael A Purtell  
Assessor No ABSA 20517  
Project New House  
Address 168 Church Lane Castlereagh NSW  
Climate 28

#### External Walls

All external walls to be :-  
Selected Brick veneer walls/Stne veneer walls - R2.5 Insulation  
Selected cladding/stud/plasterbd walls - R 2.5 Insulation  
Concrete block walls to Lower floor Plan -sub walls (R3)

#### Windows

All windows to be :-  
Selected alum frame Windows as per Window Schedule on Plans  
-BathRms/Laundry Single glazed Clear glass  
Sliding/Fixed Windows clear Glass U value 6.7 / SHGC 0.7  
All other windows -double glazed low e glass  
Sliding/Fixed/double hung Window DG clear Glass U value 2.9 / SHGC 0.51  
Pool Highlight windows to skylite-Awning Windows DG clear Glass U value 2.91 / SHGC 0.44  
(-fitted with adjustable shutters)  
Skylite to Pool Rm DG clear Glass U value 4.22 / SHGC 0.472 -fitted with adjustable shutters-able to achieve 100%blockout)-provide vent to skylite

#### Doors

New Doors as per Door Schedule on Plans

#### Internal Walls

All internal walls to be :-  
Plasterbd both sides fix to 90 mm Stud frame -no insulation  
R2.5 to internal Bath Rm/Garage/Pool BathRm/Laundry walls  
R3 to internal(conc block) walls to Lower Floor areas -

#### Floors floors to be :-

Ground floor Concrete slab on ground Selected Tiles/Carpet/ on Waffle pod slab  
Suspended conc ground floor Concrete slab +R3 Selected Tiles/Carpet/  
Framed First Floor (R3 insulation )

**Roof** -Selected Roof Tiles - (colour dark ) with Aircell (or equal)sarking to underside of roof tiles

**Ceilings** -Ceilings R4 insulation

#### Roof /wall Penetrations .

All exhaust fans to be located in external walls & fitted with seals to close off fan when not in use.  
This rating assumes that recessed LED sealed downlights could be used in the project..  
If downlights are selected they are to be LED sealed downlights and fitted with approved firecaps in ceiling space as per NCC(BCA) requirements