



Offices: 102 North Road
 Postal Address: PO Box 484, ALBANY WA 6331
 Phone: (08) 9841 9382
 Fax: (08) 9841 4099
 Email: building@albany.wa.gov.au
 Synergy Reference No: NF06690

BCA ENERGY EFFICIENCY CHECK SHEET PART 3.12

Residential (Class1) and attached Class 10A (garages) in **Climate Zone 6**

PROPERTY THIS APPLICATION RELATES TO			
_____	_____	_____	_____
Lot No.	House No.	Street Name	Suburb

		Application	Details of Compliance
ROOF INSULATION (total required = R2.7)			
Flat ceilings with pitched roofs	RBM + R2.5 or add Total of R3.0	<input type="checkbox"/>	
Flat, skillion, cathedral roofs	RBM + R2.0 or add Total of R3.0	<input type="checkbox"/>	
WALL INSULATION (total required = R1.4)			
Double Brick > 220kg/m ² on slab	Nil requirements	<input type="checkbox"/>	
Brick Veneer	RBM + R1 or add Total of R1.5	<input type="checkbox"/>	
All other walls (specified in BCA Figure 3.12.1.5)	RBM + R1 or add Total of R1.5	<input type="checkbox"/>	
FLOOR INSULATION			
Unenclosed suspended timber or Concrete	R1.0	<input type="checkbox"/>	
AIR MOVEMENT REQUIREMENTS TO HABITABLE ROOMS			
Minimum total Ventilation opening Area (% of room area)	5% as per Part 3.8 of the BCA Health and Amenity	<input type="checkbox"/> <input type="checkbox"/>	
EFFECTIVE GLAZING AREA (% of total glazing area to total floor area of the storey)			
Glazing type	Shade	Max %	Actual
Single clear glass Aluminium Standard frame	No shade	28	<input type="checkbox"/>
	300mm	28	
	450-900mm	28	
3/12/3 clear IG for aluminium standard frame	No shade	33	<input type="checkbox"/>
	300mm	40	
	450-900mm	43	
Single solare control, Pyrolytic low e glass Aluminium Standard frame	No shade	38	<input type="checkbox"/>
	300mm	38	
	450-900mm	38	
ROOF LIGHTS (Less than 5% of the floor area of room)			
Shaft length		<input type="checkbox"/>	
Over 1.5m	Nil requirement		
0.6m to 1.5m	Controlled glazing to roof light if total area of roof light is 3% to 5% of the room area	<input type="checkbox"/>	

