

Building Element Details

Project 14-15428 Run 1
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

| | |
|--------------------------------|----------------------|
| Conditioned Area | 157.1 m ² |
| Unconditioned Area | 32.3 m ² |
| Total Floor Area | 189.4 m ² |
| Total Glazed Area | 35.2 m ² |
| Total External Solid door Area | 8.8 m ² |
| Glass to Floor Area | 18.6 % |
| Gross External Wall Area | 233.7 m ² |
| Net External Wall Area | 189.7 m ² |

Window

| | | | | |
|---------------------|-------------|---------------|-----------|-----------|
| 35.2 m ² | GGG-05-001a | Generics | Uval 6.57 | SHGC 0.74 |
| | Glass | Single Glazed | Clear | |
| | Frame | Aluminium | | |

External Wall

| | | |
|----------------------|---------------------------|-----------------------|
| 24.8 m ² | Brick Veneer | No Insulation |
| 120.4 m ² | Brick Veneer | Bulk Insulation R 2.0 |
| 44.5 m ² | Weatherboard Cavity Panel | Bulk Insulation R 2.0 |

Internal Wall

| | | |
|----------------------|-----------------------|---------------|
| 167.8 m ² | Cavity Panel 70mm gap | No Insulation |
|----------------------|-----------------------|---------------|

External Floor

| | | | | |
|---------------------|-------------------------|-------------------|---------------------------------------|-------|
| 21.8 m ² | Concrete Slab on Ground | Bare | Bulk Insulation in Contact with Floor | R 1.0 |
| 55.6 m ² | Concrete Slab on Ground | Ceramic Tiles 8mm | Bulk Insulation in Contact with Floor | R 1.0 |
| 25.7 m ² | Concrete Slab on Ground | Carpet 10mm | Bulk Insulation in Contact with Floor | R 1.0 |
| 1.0 m ² | Suspended Timber Floor | Carpet 10mm | No Insulation | |

External Ceiling

| | | | |
|---------------------|--------------|----------------------|------------------------|
| 5.4 m ² | Plasterboard | No Insulation | Unventilated roofspace |
| 98.7 m ² | Plasterboard | Bulk Insulation R3.5 | Unventilated roofspace |

Internal Floor/Ceiling

| | | |
|---------------------|---------------------------|---------------|
| 85.3 m ² | Timber Above Plasterboard | No Insulation |
|---------------------|---------------------------|---------------|

Roof (Horizontal area)

| | | | | |
|---------------------|-----------------|-----------------------------------|-----------|---------------|
| 5.4 m ² | Corrugated Iron | Double Sided Foil, Gap Above Foil | 2° slope | Skillion roof |
| 98.7 m ² | Roof Tiles | Double Sided Foil, Gap Above Foil | 25° slope | Hip roof |

