

Building design guide

Building type - Type 1

Design number - 16

Design case ID - 154

Thermal performance - 2 kWh/m²

Daylight performance - 95 %

Climate zone - Adaptively Hot Zone

Building design parameter

| Parameters | Units | Values |
|----------------------|--------------------|--------|
| Wall A U value | W/m ² K | 1.98 |
| Wall D U value | W/m ² K | 0.3 |
| Floor U value | W/m ² K | 2.41 |
| Roof u value | W/m ² K | 0.52 |
| WWR Wall A | % | 0.36 |
| WWR Wall B | % | 0.54 |
| WWR Wall C | % | 0.16 |
| WWR Wall D | % | 0.14 |
| Ground reflectance | - | 0.1 |
| Wall reflectance | - | 0.72 |
| Window transmittance | - | 0.51 |
| Ceiling reflectance | - | 0.93 |