

Building design guide

Building type - Type 1

Design number - 10

Design case ID - 81

Thermal performance - 4 kWh/m²

Daylight performance - 91 %

Climate zone - Adaptively Hot Zone

Building design parameter

| Parameters | Units | Values |
|----------------------|--------------------|--------|
| Wall A U value | W/m ² K | 1.34 |
| Wall D U value | W/m ² K | 2.91 |
| Floor U value | W/m ² K | 2.39 |
| Roof u value | W/m ² K | 1.26 |
| WWR Wall A | % | 0.22 |
| WWR Wall B | % | 0.48 |
| WWR Wall C | % | 0.23 |
| WWR Wall D | % | 0.29 |
| Ground reflectance | - | 0.13 |
| Wall reflectance | - | 0.53 |
| Window transmittance | - | 0.77 |
| Ceiling reflectance | - | 0.58 |