

Building design guide

Building type - Type 1

Design number - 8

Design case ID - 54

Thermal performance - 5 kWh/m²

Daylight performance - 76 %

Climate zone - Adaptively Hot Zone

Building design parameter

| Parameters | Units | Values |
|----------------------|--------------------|--------|
| Wall A U value | W/m ² K | 0.25 |
| Wall D U value | W/m ² K | 1.6 |
| Floor U value | W/m ² K | 3.42 |
| Roof u value | W/m ² K | 2.1 |
| WWR Wall A | % | 0.39 |
| WWR Wall B | % | 0.44 |
| WWR Wall C | % | 0.41 |
| WWR Wall D | % | 0.45 |
| Ground reflectance | - | 0.19 |
| Wall reflectance | - | 0.62 |
| Window transmittance | - | 0.53 |
| Ceiling reflectance | - | 0.93 |