

# Building design guide

**Building type - Type 1**

**Design number - 46**

**Design case ID - 189**

**Thermal performance - 20 kWh/m<sup>2</sup>**

**Daylight performance - 88 %**

**Climate zone - Adaptively Hot Zone**

## Building design parameter

Parameters	Units	Values
Wall A U value	W/m <sup>2</sup> K	0.42
Wall D U value	W/m <sup>2</sup> K	2.89
Floor U value	W/m <sup>2</sup> K	0.11
Roof u value	W/m <sup>2</sup> K	1.67
WWR Wall A	%	0.28
WWR Wall B	%	0.2
WWR Wall C	%	0.4
WWR Wall D	%	0.33
Ground reflectance	-	0.22
Wall reflectance	-	0.61
Window transmittance	-	0.63
Ceiling reflectance	-	0.72