

Building design guide

Building type - Type 1

Design number - 21

Design case ID - 113

Thermal performance - 14 kWh/m²

Daylight performance - 90 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	0.44
Wall D U value	W/m ² K	2.33
Floor U value	W/m ² K	0.2
Roof u value	W/m ² K	1.08
WWR Wall A	%	0.36
WWR Wall B	%	0.42
WWR Wall C	%	0.32
WWR Wall D	%	0.46
Ground reflectance	-	0.18
Wall reflectance	-	0.47
Window transmittance	-	0.5
Ceiling reflectance	-	0.9