

Building design guide

Building type - Type 1

Design number - 5

Design case ID - 31

Thermal performance - 4 kWh/m²

Daylight performance - 86 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	1.37
Wall D U value	W/m ² K	0.52
Floor U value	W/m ² K	3.13
Roof u value	W/m ² K	1.07
WWR Wall A	%	0.33
WWR Wall B	%	0.51
WWR Wall C	%	0.44
WWR Wall D	%	0.39
Ground reflectance	-	0.18
Wall reflectance	-	0.72
Window transmittance	-	0.47
Ceiling reflectance	-	0.6