

Building design guide

Building type - Type 1

Design number - 19

Design case ID - 171

Thermal performance - 2 kWh/m²

Daylight performance - 81 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	2.76
Wall D U value	W/m ² K	0.2
Floor U value	W/m ² K	3.07
Roof u value	W/m ² K	0.93
WWR Wall A	%	0.3
WWR Wall B	%	0.42
WWR Wall C	%	0.55
WWR Wall D	%	0.21
Ground reflectance	-	0.05
Wall reflectance	-	0.32
Window transmittance	-	0.89
Ceiling reflectance	-	0.64