

Building design guide

Building type - Type 1

Design number - 33

Design case ID - 154

Thermal performance - 2 kWh/m²

Daylight performance - 95 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	1.98
Wall D U value	W/m ² K	0.3
Floor U value	W/m ² K	2.41
Roof u value	W/m ² K	0.52
WWR Wall A	%	0.36
WWR Wall B	%	0.54
WWR Wall C	%	0.16
WWR Wall D	%	0.14
Ground reflectance	-	0.1
Wall reflectance	-	0.72
Window transmittance	-	0.51
Ceiling reflectance	-	0.93