

Building design guide

Building type - Type 1

Design number - 9

Design case ID - 45

Thermal performance - 7 kWh/m²

Daylight performance - 95 %

Climate zone - Adaptively Hot Zone

Building design parameter

Parameters	Units	Values
Wall A U value	W/m ² K	1.47
Wall D U value	W/m ² K	3.18
Floor U value	W/m ² K	1.79
Roof u value	W/m ² K	3.32
WWR Wall A	%	0.31
WWR Wall B	%	0.17
WWR Wall C	%	0.22
WWR Wall D	%	0.28
Ground reflectance	-	0.06
Wall reflectance	-	0.78
Window transmittance	-	0.79
Ceiling reflectance	-	0.73