

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Proposed Residential Development at Lot No. 1181 in DD215, Hong Kong, Tui Min Hoi, Sai Kung				BD Ref. No.		
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input checked="" type="checkbox"/> 1. Registered Professional Engineers <input type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify :				
Classification		<input checked="" type="checkbox"/> Podium / <input type="checkbox"/> Tower				
No. of Storeys (RRF)		2				
Gross Floor Area		239.262 m ²				
Usable Floor Area		187.641 m ²				
Total External Wall Area (including windows)		571.0 m ²		Window to Wall Ratio = 0.29		
Total Window Area		165.9 m ²				
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	2.31		W/m ²		
	Window	1.6		W/m ²		
	Opaque Roof	0.407		W/m ²		
	Skylight	N/A		W/m ²		
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input checked="" type="checkbox"/> Clear	Area= m ² 165.9	SC= 0.85	VLT= 50 %	ER= 9 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Skylight N/A	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No				
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.38				
	Roof	0.3				
**Weighted Average Density	Wall	1120 kg/m ²				
	Roof	1120 kg/m ²				
OTTV _{RRF}	Wall	43.34 W/m ²				
	Roof	2.58 W/m ²				
	Overall Average	40.56 W/m ² < 50				

ER = External Reflectance; SC = Shading coefficient & VLT = Visible Light Transmittance

** Weighted by area

Notes :

1. Please tick in the box as appropriate
2. Window and skylight data should represent the major proportion of its use in the development.