

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Residential Development at Tai Po Town Lot No. 223 & No. 229 (Clubhouse BF)				BD Ref. No. BD 2/9060/17		
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)		1				
Gross Floor Area		1360.03 m ²				
Usable Floor Area		556.39 m ²				
Total External Wall Area (including windows)		467.28 m ²			Window to Wall Ratio = 0.19	
Total Window Area		89.44 m ²				
Total Skylight Area		- m ²				
**Weighted Average U-value	Opaque Wall	3.37 W/m ²				
	Window	1.74 W/m ²				
	Opaque Roof	- W/m ²				
	Skylight	- 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 89.44	SC= 0.46	VLT= 53 %	ER= 16 %
	Double Glazing	<input checked="" type="checkbox"/> Yes <input 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	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 7	SC= 0.46	VLT= 53 %	ER= 16 %
	Double Glazing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.37				
	Roof	-				
**Weighted Average Density	Wall	1120 kg/m ²				
	Roof	- kg/m ²				
OTTV _{RRF}	Wall	14.58 W/m ²				
	Roof	3.41 W/m ²				
	Overall Average	6.54 W/m ²				

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.

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Residential Development at Tai Po Town Lot No. 223 & No. 229 (Clubhouse GF)				BD Ref. No. BD 2/9060/17		
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)		1				
Gross Floor Area		718.88 m ²				
Usable Floor Area		443.64 m ²				
Total External Wall Area (including windows)		651.89 m ²		Window to Wall Ratio		
Total Window Area		227.55 m ²		= 0.35		
Total Skylight Area		- m ²				
**Weighted Average U-value	Opaque Wall	3.37 W/m ²				
	Window	1.74 W/m ²				
	Opaque Roof	-				
	Skylight	-				
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 ² 227.55	SC= 0.46	VLT= 53 %	ER= 16 %
	Double Glazing	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	External Shading	Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Skylight	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	0.37				
	Roof	-				
**Weighted Average Density	Wall	1120 kg/m ²				
	Roof	-				
OTTV _{RRF}	Wall	19.71 W/m ²				
	Roof	-				
	Overall Average	19.71 W/m ²				

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.