

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Podium, Proposed Residential Development at Lot No. 2128 In D.D. 121 at Junction of Ping Kwai Road and Ping Pak Lane, Ping Shan, Yuen Long				BD Ref. No. BD2/9199/17		
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		m ²				
Usable Floor Area		m ²				
Total External Wall Area (including windows)		196.36	m ²	Window to Wall Ratio		
Total Window Area		43.91	m ²	= 0.22		
Total Skylight Area		0.00 m ²				
**Weighted Average U-value	Opaque Wall	1.99 W/m ²				
	Window	111.95 W/m ²				
	Opaque Roof	0.52 W/m ²				
	Skylight	0.00 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=43m ²	SC= 0.9	VLT= 87 %	ER= 7 %
	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	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	0.80				
	Roof	0.65				
**Weighted Average Density	Wall	329.97 kg/m ²				
	Roof	906.85 kg/m ²				
OTTV _{RRF}	Wall	26.94 W/m ²				
	Roof	2.68 W/m ²				
	Overall Average	16.63 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.