

# OTTV of Resident's Recreational Facilities Summary Sheet

Address:		Nos. 1-19 Chung Ching Street, Sai Ying Pun, Hong Kong				BD Ref. No.		2/4022/19		
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)		3								
Gross Floor Area		1015.389				m <sup>2</sup>				
Usable Floor Area		994.642				m <sup>2</sup>				
Total External Wall Area (including windows)		772.65				m <sup>2</sup>				
Total Window Area		548.2				m <sup>2</sup>				
Total Skylight Area						m <sup>2</sup>				
**Weighted Average U-value	Opaque Wall	3.768				W/m <sup>2</sup>				
	Window	5.62				W/m <sup>2</sup>				
	Opaque Roof	0.536				W/m <sup>2</sup>				
	Skylight					W/m <sup>2</sup>				
Window	Glass Type	<input type="checkbox"/> Reflective	Area=	m <sup>2</sup>	SC=	VLT=	%	ER=	%	
		<input checked="" type="checkbox"/> Tinted	Area=	548.2	m <sup>2</sup>	SC=	0.61	VLT=	44	%
		<input type="checkbox"/> Clear	Area=		m <sup>2</sup>	SC=		VLT=		%
	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 <sup>2</sup>	SC=	VLT=	%	ER=	%	
		<input type="checkbox"/> Tinted	Area=		m <sup>2</sup>	SC=		VLT=	%	
		<input type="checkbox"/> Clear	Area=		m <sup>2</sup>	SC=		VLT=	%	
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
**Weighted Average Absorptivity	Wall	0.42								
	Roof	0.65								
**Weighted Average Density	Wall	516.63				kg/m <sup>2</sup>				
	Roof	467.95				kg/m <sup>2</sup>				
OTTV <sub>RRF</sub>	Wall	72.14				W/m <sup>2</sup>				
	Roof	3.40				W/m <sup>2</sup>				
	Overall Average	55.69				W/m <sup>2</sup>				

**Notes:**

ER = External Reflectance

SC = Shading Coefficient

VLT = Visible Light Transmittance

\*\* Weighted by area

Window and skylight data should represent the major proportion of its use in the development.