

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Nos.340-342 Fuk Wing Street, Nos 27-29 Tonkin Street and Nos. 249-263 Un Chau Street, Cheung Sha Wan, Kowloon (NKIL No. 4178)(3F,36/F)				BD Ref. No.		
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers <input type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify :				
Classification		<input type="checkbox"/> Podium / <input checked="" type="checkbox"/> Tower				
No. of Storeys (RRF)		2				
Gross Floor Area		m ²				
Usable Floor Area		m ²				
Total External Wall Area (including windows)		817	m ²	Window to Wall Ratio		
Total Window Area		364	m ²	= 1 : 2.24		
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	2.08 W/m ²				
	Window	2.74 W/m ²				
	Opaque Roof	0.43 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 ² 224.7	SC= 0.36	VLT= % 54	ER= % 14
	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= %
<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				
External Shading		<input type="checkbox"/> Yes <input type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.83				
	Roof	0.65				
**Weighted Average Density	Wall	641.8 kg/m ²				
	Roof	873.2 kg/m ²				
OTTV _{RRF}	Wall	30.12 W/m ²				
	Roof	2.21 W/m ²				
	Overall Average	23.89 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.

Glazing information
 Glazing 1: 8mm clear + 12mm air gap + 12mm clear Area: 224.7m² SC:0.36 VLT:54% ER:14%
 Glazing 2: 10mm clear + 2.28mm clear PVB + 10mm clear Area:139.7m² SC:0.79 VLT:83% ER:8%