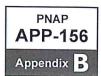


TOTTV of Resident's Recreational Facilities BUILDINGS Summary Sheet



Address: Proposed Residential & Comr		nercial Development on T.M.T.L. No. 539, Hoi Wing Road and Hang Fu Street, Area 16, Tuen Mun, N.T. BD Ref. No.								
Building Type / Use :		Resident's Recreational Facilities (FOR 2/F RRF AT TOWER 1)								
OTTV calculated by		1. Registered Professional Engineers								
		2. Architect								
		3. Others, please specify: BEAM Consultant								
Classification		Podium / Tower								
No. of Storeys (RRF)		1								
Gross Floor Area		27,807 m²								
Usable Floor Area		m²								
Total External Wall Area (including windows)		918.72	m² Window to Wall Ratio							
Total Window Area		400.73		m²	= 0.44	0.44				
Total Skylight Area	,	- m²								
**Weighted Average U-value	Opaque Wall	2.14 W/m²								
	Window	- W/m²								
	Opaque Roof	0.46 W/m²								
	Skylight	- W/m²								
Window	Glass Type	Reflective	Area= 400.73 m²	SC= C	0.74-0.94	VLT= 81-88	% ER	= 6-16	%	
		Tinted	Area= m²	SC=		VLT=	% ER	=	%	
		Clear	Area= m²	SC=		VLT=	% ER	=	%	
	Double Glazing	✓ Yes No								
	External Shading	Overhang Yes No								
		Sidefin ☐ Yes ☑ No								
Skylight	Glass Type	Reflective	Area= m²	SC=		VLT=	% ER	=	%	
		Tinted	Area= m²	SC=		VLT=	% ER	=	%	
		Clear	Area= m²	SC=		VLT=	% ER=	=	%	
	Double Glazing	☐ Yes ☑ No								
	External Shading	☐ Yes ☑ No								
		☐ Yes ☑ No								
**Weighted Average Absorptivity	Wall	0.58								
	Roof	0.65								
**Weighted Average Density	Wall	497.22 kg/m²								
	Roof	496.00 kg/m²								
OTTV _{RRF}	Wall	60	60 W/m²							
	Roof	2.89 W/m²								
	Overall Average	49.77	49.77 W/m²							

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.



OTTV of Resident's Recreational Facilities BUILDINGS Summary Sheet



CHC NO NO										
Address: Proposed Residential & Com		nercial Development on T.M.T.L. No. 539, Hoi Wing Road and Hang Fu Street, Area 16, Tuen Mun, N.T. BD Ref. No.								
Building Type / Use :		Resident's Recreational Facilities (FOR 2/F RRF AT TOWER 2)								
OTTV calculated by		1. Registered Professional Engineers								
		2. Architect								
l		3. Others, please specify: BEAM Consultant								
Classification		Podium / Tower								
No. of Storeys (RRF)		1								
Gross Floor Area		27,807 m²								
Usable Floor Area		m²								
Total External Wall Area (including windows)		290.29	m² Window to Wall Ratio							
Total Window Area		76.67		m²	= 0.26					
Total Skylight Area	,	- m²								
**Weighted Average U-value	Opaque Wall	2.07 W/m²								
Average 0-value	Window	- W/m²								
	Opaque Roof	0.457 W/m²								
	Skylight	- W/m²								
Window	Glass Type	Reflective	Area= 76.67 m²	SC= 0	.74-0.94	VLT= 81-88	%	ER=	6-16	%
		Tinted	Area= m²	SC=		VLT=	%	ER=		%
		Clear	Area= m²	SC=		VLT=	%	ER=		%
	Double Glazing	✓ Yes No								
	External Shading	Overhang ☐ Yes ☑ No								
		Sidefin ☐ Yes ☑ No								
Skylight	Glass Type	Reflective	Area= m²	SC=		VLT=	%	ER=		%
		Tinted	Area= m²	SC=		VLT=	%	ER=		%
		Clear	Area= m²	SC=		VLT=	%	ER=		%
	Double Glazing	☐ Yes ☑ No								
	External Shading	☐ Yes ✓ No								
		☐ Yes ☑ No								
**Weighted Average Absorptivity	Wall	0.58								
	Roof	0.65								
**Weighted Average Density	Wall	580.51 kg/m²								
	Roof	496.00 kg/m²								
OTTV _{RRF}	Wall	38	38 W/m²							
	Roof	2.89	2.89 W/m²							
	Overall Average	29.22)	W/m²					

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.