



OTTV of Resident's Recreational Facilities Summary Sheet

PNAP
APP-156
Appendix **B**

| | | | |
|--|------------------|--|--|
| Address: Proposed Composite Building at 350 Un Chau Street | | BD Ref. No. BD 2/4088/10 | |
| 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 Storeys | |
| Gross Floor Area | | m ² | |
| Usable Floor Area | | m ² | |
| Total External Wall Area (including windows) | | 751.54 m ² | Window to Wall Ratio = 0.47 |
| Total Window Area | | 352.13 m ² | |
| Total Skylight Area | | - | m ² |
| **Weighted Average U-value | Opaque Wall | 3.22 | W/m ² |
| | Window | 5.17 | W/m ² |
| | Opaque Roof | 0.52 | 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(Glass 1/Glass 2) | Area= 327.09 / 25.04 m ² SC= 1.02 / 0.92 VLT= 90 / 85 % ER= 7 / 8 % |
| | Double Glazing | <input type="checkbox"/> Yes <input checked="" 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 <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| **Weighted Average Absorptivity | Wall | 0.47 | |
| | Roof | 0.65 | |
| **Weighted Average Density | Wall | 510.3 | kg/m ² |
| | Roof | 685.0 | kg/m ² |
| OTTV _{RRF} | Wall | 62.38 | W/m ² |
| | Roof | 2.68 | W/m ² |
| | Overall Average | 53.53 | W/m ² |

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.