## SAP 2009 Overheating Assessment



Calculated by Stroma FSAP 2009 program, produced and printed on 21 September 2016

## Property Details: 22 ASHP

Dwelling type: Located in: Region: Cross ventilation possible: Number of storeys: Front of dwelling faces: Overshading: Overhangs: Thermal mass parameter: Night ventilation: Blinds, curtains, shutters: Ventilation rate during hot weather (a Overheating Details: Summer ventilation heat loss coeffic Transmission heat loss coefficient: Summer heat loss coefficient:			unknown	roller blind	(P1) (P2)
Overhangs:		1210.77		(F2)	
Orientation:Ratio:North East (FRONT curtation wall)North East (FRONT bi fold)57North West (SIDE A Curtation)South West (BACK Curtation)South East (SIDE B Curtation Wall)Horizontal (Roof light)Olar shading:	<b>Z_overhangs:</b> 1 0.82 1 1 1 1 1 1 1 1				
Orientation:Z blinds:North East (FRONT curtation & wall)North East (FRONT bi fold) &North West (SIDE A Curtation & wall)South West (BACK Curtation) &South East (SIDE B Curtation & Wall)Horizontal (Roof light)1Solar gains:	<b>Solar access:</b> 0.9 0.9 0.9 0.9 0.9 0.9 1	<b>Overh</b> 1 0.82 1 1 1 1	angs:	<b>Z summer:</b> 0.72 0.57 0.72 0.72 0.72 1	(P8) (P8) (P8) (P8) (P8) (P8)
OrientationAreaNorth East (FRONT curtation 9wall)30.97North East (FRONT bi fold) 9 x18.5North West (SIDE A Curtation 9 wall)2.23South West (BACK Curtation 9 x63.46South East (SIDE B Curtation 9wall)2.231 x4.32	98.96 98.96	<b>g</b> 0.63 0.63 0.63 0.63 0.63 0.63	FF 0.8 0.8 0.8 0.8 0.8 0.8	Shading 0.72 0.57 0.72 0.72 0.72 1 Total	<b>Gains</b> 1000.9 475.32 72.07 2419.94 85.04 399.75 4453.02 <b>(P3/P4)</b>
Internal gains Total summer gains		<b>Jun</b> 687 535	.97	<b>July</b> 660.95 5113.97	<b>August</b> 671.23 4669.78 <b>(P5)</b>

## SAP 2009 Overheating Assessment



Slight	Medium	Medium	
21.1	23.3	22.94	(P7)
1.3	1.3	1.3	
15.4	17.8	17.8	
4.4	4.2	3.84	(P6)
	15.4 1.3 21.1	15.417.81.31.321.123.3	15.417.817.81.31.31.321.123.322.94

Stroma FSAP 2009 Version: 1.5.0.95 (SAP 9.90) - http://www.stroma.com