

Domestic Overheating (CIBSE TM59)

Project Details

Building Designer File (.tbd): EA-57 - Overheating Assessment - Land at New Barn Farm, Capel Road, Rusper, Horsham Rev02.tbd

Simulation Results File (.tsd): EA-57 - Overheating Assessment - Land at New Barn Farm, Capel Road, Rusper, Horsham Rev02.tsd

Date: Tuesday, July 21, 2026

Building Category: Category II

Natural Ventilation Overheating Results

Zone Name	Room Use	Occupied Summer Hours	Max. Exceedable Hours	Criterion 1: #Hours Exceeding Comfort Range	Annual Night Occupied Hours for Bedroom	Max Exceedable Night Hours	Criterion 2: Number of Night Hours Exceeding 78.8 °F for Bedrooms.	Result
2-Bed_1F_Bedroom 1	Bedroom	3672	110	3	3285	32	32	Pass
2-Bed_1F_Bedroom 2	Bedroom	3672	110	0	3285	32	32	Pass
2-Bed_GF_Kitchen/Dining /Lounge	Living Room / Kitchen	1989	59	12	N/A	N/A	N/A	Pass
4-Bed_1F_Bedroom 1	Bedroom	3672	110	0	3285	32	17	Pass
4-Bed_1F_Bedroom 2	Bedroom	3672	110	0	3285	32	14	Pass
4-Bed_1F_Bedroom 3	Bedroom	3672	110	0	3285	32	14	Pass
4-Bed_Bedroom 4	Bedroom	3672	110	1	3285	32	26	Pass
4-Bed_GF_Dining/Lounge	Living Room / Kitchen	1989	59	7	N/A	N/A	N/A	Pass
4-Bed_GF_Kitchen	Living Room / Kitchen	1989	59	0	N/A	N/A	N/A	Pass
5-Bed_1F_Bedroom 2	Bedroom	3672	110	0	3285	32	29	Pass
5-Bed_1F_Bedroom 3	Bedroom	3672	110	0	3285	32	11	Pass
5-Bed_1F_Bedroom 4	Bedroom	3672	110	0	3285	32	12	Pass
5-Bed_1F_Bedroom 5	Bedroom	3672	110	0	3285	32	28	Pass
5-Bed_GF_Bedroom 1	Bedroom	3672	110	0	3285	32	29	Pass
5-Bed_GF_Dining Room/Lounge	Living Room / Kitchen	1989	59	16	N/A	N/A	N/A	Pass
5-Bed_GF_Kitchen	Living Room / Kitchen	1989	59	1	N/A	N/A	N/A	Pass
Semi_1F_Kitchen/Living Area	Living Room / Kitchen	1989	59	0	N/A	N/A	N/A	Pass
Semi_GF_Bedroom 1	Bedroom	3672	110	0	3285	32	30	Pass
Semi_GF_Bedroom 2	Bedroom	3672	110	0	3285	32	29	Pass

*Zone names that have an orange coloured font are bedrooms which do not have 24/7 365 days a year occupancy, as per