

## 3990 Chequersfield – Condition 4

Dear Matthew,

This statement has been prepared to accompany the Full SAP Calculations and “*3990 Chequersfield Criterion 3 (Overheating) Schedule*”, to demonstrate how the development at Chequersfield is compliant with the overheating check within SAP, and as such there is not deemed to be a significant risk of overheating within the dwellings proposed within the design.

Criterion 3 forms the overheating check within Part L1a and is carried out as part of the Standard Assessment Procedure (SAP) for all new build dwellings. Taking into account solar gain, internal gains, heat loss and thermal mass, the calculation returns a threshold temperature for each of the UK summer months; June, July and August. Should this threshold temperature exceed 23.5°C for any one of these three months, then the dwelling is deemed to be of significant risk of overheating, and mitigation options should be explored to improve the thermal comfort of the building.

It is noted, and detailed in the accompanying document “*3990 Chequersfield Criterion 3 (Overheating) Schedule*”, that none of the dwellings included in the design at Chequersfield exceed this threshold temperature, and are therefore all compliant with Criterion 3.

Kind regards,

Fraser Browning.  
Sustainability Consultant.