Product Paper 5 - Appendix 1

Off the site separation guidance during construction

Summary note for new build timber frame construction developments where the acceptable accumulative total floor area of units is at or below the threshold level of 250m².

Version 1.0 August 2018

Determining overall project size/threshold

To determine if your project falls under the 250m² threshold follow steps A to E

A. What is a unit?

A unit is any new build building block that is continuous walling with no separation; detached house, terrace block, semi-detached block or flats.
B. How to calculate total floor areas of a unit

Take the internal dimensions of each unit. Total area of each unit to be less than 250m².

Step B

C. Roof areas to include in the area calculation

If the roof pitch is greater than 50 degrees then include in the calculation and determine floor area of the storey. If the roof pitch is less than 50 degrees then ignore as a storey. The use of roof space does not influence the outcome e.g. room in the roof or warm attic space.

Step C
D. Considering accumulative total floor area for adjacent units

Determine the acceptable accumulative total floor area of units, which is dependent on the gaps between each distinct unit frame.

\[ \text{GAP} = \text{Timber frame to timber frame} \]

**Step Da**

For each unit the following to be considered:

- If gap > 2m then assessment based on 1 unit at a time
- If gap = > 1m < 2m then assessment based on 2 units at a time
- If gap = < 1m then assessment based on up to 4 units at a time

**Step Db**

E. Refer to STA Fire Safety Guidance

Use the STA fire safety guidance for structural timber frame buildings below 250m² in total floor area. See Product Paper 5 for tables and PPS Appendix 2 for the application of tables.

**Limitation of this guidance**

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