

Sustainability Summit

The below answer sheet is for your own self-assessment. Please keep your completed questionnaires and answers on file for your record. Sustainability Summit will send you a Refuel certificate once your questionnaire has been submitted.

EVERYTHING ARCHITECTS NEED TO KNOW WHEN DESIGNING WITH TIMBER

1. What is mass timber?

large structural panels, posts, and beams glued under pressure or nailed together in layers, with the wood's grain stacked perpendicular for extra strength

2. What is glulam?

Glued laminated timber, also abbreviated glulam, is a type of structural engineered wood product constituted by layers of dimensional lumber bonded together with durable, moisture-resistant structural adhesives.

3. What is x-laminated timber?

(CLT) (a sub-category of engineered wood) is a wood panel product made from gluing together layers of solid-sawn lumber, i.e., lumber cut from a single log.

4. Where is x-laminated timber used?

Cross-laminated timber (CLT) is a relatively new, large structural panel product composed of multiple layers of dimension lumber held together with adhesives. It is used in walls, floors and roofs in residential and non-residential construction.

5. What is Australia's' tallest timber tower?

Australia's largest engineered timber commercial building has opened in Brisbane, designed by Bates Smart. At 10 stories, and 45 meters in height, the "25 King" open plan office complex is the tallest timber structure in Australia, and "establishes new frontiers in the design of commercial buildings.