

Building Sustainably with Timber

Assessment Questionnaire

Please complete the following "Building Sustainably with Timber" assessment questionnaire prior to CPD webinar. Assessment to be conducted at end of the webinar and before 1 Formal CPD point can be given.

1. What are the 3 key factors to consider when building sustainably?
 - a. Time Management, Operations and Technology
 - b. Embodied Energy, Environment and Health
 - c. Recycling, Safety and Health

2. How is embodied energy calculated?
 - a. By the sum of all the energy required to produce any goods or services
 - b. By the amount of time needed to complete the project
 - c. By the number of sustainable materials required to complete the project

3. If you replace 1m³ of concrete with the same amount of timber, how much approx. carbon dioxide can we eliminate being emitted into atmosphere
 - a. 5000kgs
 - b. 250kgs
 - c. 1 tonne

4. Does carbon remain stored in timber when used in buildings and wood products?
 - a. No
 - b. Yes
 - c. It depends on location

5. Which one of the following buildings materials have the lowest net CO₂?
 - a. Weathertex & timber
 - b. Aluminum
 - c. Fibre cement

6. Is timber a renewable resource?
 - a. Yes
 - b. No
 - c. Sometimes

7. According to FWPA how many tonnes of carbon per Australian home could be saved by choosing wood when possible?
 - a. 15 tonnes
 - b. 5 tonnes
 - c. 25 tonnes

8. Timber is a great source of insulation, it's ...
 - a. 15 times better than concrete
 - b. 400 times better than steel
 - c. Over 1,000 times better than aluminium
 - d. All of the above

9. Timber reduces stress and improves emotional wellbeing
 - a. True
 - b. False
 - c. Sometimes

10. What is the main difference between EPD & LCA?
- a. LCA is conducted by an independent programme body whereas EPD can be produced inhouse
 - b. EPD is conducted by an independent programme body whereas LCA can be produced inhouse
 - c. No difference
11. Green Building Council of Australia (GBCA) has updated its Green Star accreditation to incentivise Cross-laminated timber (CLT).
- a. True
 - b. False
 - c. Unsure
12. Which one of these statements is INCORRECT about CLT:
- a. CLT is lightweight allowing more economic foundations
 - b. CLT can reduce installation time up to 50%
 - c. CLT can only be used for projects up to 4 storeys
13. Weathertex was the first manufactured product to receive Global GreenTag Platinum certification for their natural range
- a. True
 - b. False
 - c. Unsure