

Sustainability in Architecture

Designing for a more Adaptable Future



QUESTIONS

1. Is designing a building that is accessible to people of all abilities part of sustainable architecture?

Yes/ No

2. What is embodied energy?

3. What is the most sustainable wall construction method?

- a. Timber frame and composite cladding?
- b. Steel frame and brick cladding?
- c. timber frame and timber cladding?

4. What material presented had the highest thermal resistance (R-value)?

- a. Cement sheet
- b. Western Red Cedar
- c. Plywood

5. What does PEFC certification do?

6. What percentage of CO2 emission does Super Green aluminium produce less in comparison to the global average aluminium?

7. Is there a limit on how many times aluminium can be recycled?

Yes/ No

8. For every tonne of fibre cement product manufactured, how much waste is produced?

- a. 90kg
- b. 300kg
- c. 180kg

9. What is the most sustainable product out of the below?

- a. Composite cladding
- b. Timber cladding
- c. Aluminium cladding