



Network  
Architectural

**Designing Ceiling Systems for  
Infrastructure Projects – The  
Importance of a Design-led  
Approach CPD  
Questionnaire**

Presented by Network Architectural

Name: .....

Company: .....

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**1. Name two important performance functions that a ceiling in an underground station should be able to perform.**

1.

2.

**2. Identify one common issue with the anodising process.**

1.

**3. In what year did Aluminium begin to be used in large-scale construction projects?**

a. 1900

b. 1930

c. 1960

d. 1980

**4. How much less energy is used to manufacture recycled aluminium?**

1. 95%

2. 50%

3. 25%

**5. What is the maximum percentage of an acoustic panel that can be open area? i.e. the size of the perforations in a ceiling panel to avoid issues such as sagging and flutter**

a. 25%

b. 48%

c. 60%

**6. Which part of a building's life cycle uses more energy – the construction phase or the operational day-to-day usage phase?**

a. Operational

b. Construction

**7. Can using high embodied energy materials lower the operational energy consumption of a building? Which statement is correct?**

a. Never

b. In the long-term yes, if it can aid passive cooling and natural lighting to reduce everyday energy use

c. Always when using better quality materials as they last longer