

SELECTION OF ALUMINIUM WINDOWS & DOORS FOR COMMERCIAL APPLICATIONS

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1. Name the two common curtain wall system types.
2. What are two key advantages of aluminium that make it suitable for commercial window and door systems?
3. What is the function of a sub-sill or flashing in a commercial window installation?
4. What are the three key performance measures used to assess energy efficiency in glazing systems?
5. Lower U-value indicates better insulating performance of a window. What glass and frame improvements can be made to achieve a lower U-value?
6. What are the three main causes of deterioration of surface coatings on aluminium?

By the end of this session you should understand:

- Explain the key design considerations when selecting aluminium windows and doors
- Specify the applicable performance standards and how they affect project specifications
- List how energy impacts the selection of framing systems for commercial applications
- Identify key features and benefits of the two main surface finishing options

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