

Zinc Roofing and Cladding

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1. What happens when zinc is exposed to the elements (H₂O, O₂, CO₂, ...)?
2. According How long does the natural patina typically take to develop?
3. Is zinc 100% recyclable?
4. Is zinc a non-ferrous metal?
5. What is the average lifespan of a zinc roof/cladding in Australia?
6. Is it ok to lay zinc externally with less than 3 degrees?
7. How do the zinc cladding and roofing systems accommodate thermal expansion?
8. Name 2 popular and traditional zinc roofing techniques.
9. List 2 types of zinc cladding techniques used for wall cladding.
10. What are the 2 metals that zinc is incompatible with?
11. What are 3 common building metals that are compatible with zinc?
12. List 2 other popular zinc applications besides roofing and cladding.

By the end of this session you should understand:

- Identify the sustainable and green qualities of zinc over other metals from a Life Cycle Analysis perspective
- Detail and design zinc roofing and cladding specifications with a view of material longevity and sustainability
- List compatible and incompatible materials when used with zinc building envelopes
- residential buildings.

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