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## Compatibility of aluminium and steel - Build 176 (2020)

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### Abbreviation

Compatibility of aluminium and steel - Build 176 (2020)

### Valid from

01/02/2020

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### Information provider

BRANZ Limited

### Information type

BUILD article

### Format

Website, PDF

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### Description

Building materials are often paired – think of wood and metal – but this is not always trouble-free. In particular, when aluminium and stainless steel are used together, there may be corrosion problems.

Materials, such as: concretes, metals, polymers and timbers used in the construction industry are frequently mixed to deliver desirable aesthetic, structural and weather-tightness functionalities.

### Scope

This article includes the following chapters:

- Mixing materials matters
- Concerns when aluminium and stainless steel paired
  - What happens and why?
  - Other factors also matter
- Where the two can be used safely
- Where they cannot be used safely
- Preventing galvanic corrosion
- Available guidance

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