



COVERWORLD
UK LIMITED

COVERWORLD ALUMINIUM

DATA SHEET

Properties

- Considerably lighter than normal cladding
- Excellent formability
- Suitable for powder coating once formed
- Improved corrosion resistance

Applications

External uses : used widely in roofing, cladding and fabrications

Description

| | | |
|----------|----------------|---------------|
| Material | Alloy Grade | 3003 |
| | Alloy Standard | EN AW3003 |
| Coating | Sides | Two Sided |
| | Specification | H14 |
| | Finish | Mill finished |

Mechanical Properties

| | |
|--|------------|
| Thickness (0.84mm) | |
| • Strength, R _m (MPa) | 145 – 185 |
| • Elastic Limit, R _{p0,2} (MPa) | 125 |
| • Elongation A 50mm (%) | 5% (min) |
| • Tolerances Of Thickness | + / - 0.04 |

Chemical Composition

| | |
|--------|-------------|
| Si (%) | 0.6 |
| Fe (%) | 0.7 |
| Cu (%) | 0.05 – 0.20 |
| Mn (%) | 1.0 – 1.5 |
| Mg (%) | 0.2 – 0.3 |
| Zn (%) | 0.1 |
| Ti (%) | 0.05 |
| Al (%) | Rest |