

Bauxite, Alumina & Aluminium. Made in Australia.



Key economic contribution facts



\$5.4
Billion
Bauxite mining



\$7.9
Billion
Alumina refining



\$3.3
Billion
Aluminium smelting



\$1.4
Billion
Extrusion & distribution



76,000
FTE
Jobs supported
across Australia



\$23
Billion
Export revenue



\$470
Million
Royalty payments

Australia already has one of the world's few fully integrated
bauxite → alumina → aluminium → extrusion value chains
– supporting jobs, exports and regional industry.



AUSTRALIAN
ALUMINIUM
COUNCIL LTD

Aluminium. Critical to the Defence Industry.

From mines to defence, Australian aluminium is embedded throughout our modern defence capability – in metal, alloys, powders and advanced materials

Aerospace



Airframes, fuselage sections, wings and internal structures

Rotorcraft structures and landing gear components

Support equipment and sustainment inputs

Critical to Australian and allied aerospace supply chains

Land & naval systems



Armoured vehicles such as the Australian made Bushmaster

Naval systems and maritime self-protection platforms

Structural components, plates, sheet, castings and extrusions

Supports mobility, corrosion resistance and payload efficiency

Missiles, rocket fuel & countermeasures



Aluminium powder in solid rocket propellants and energetic materials

Relevant to missiles, guided weapons, rocket motors and munitions

Aluminium chaff used to confuse radar-guided threats

Important to sovereign munitions capability and allied interoperability

Advanced systems, radars & electronics



High-purity alumina used in sapphire glass, advanced ceramics and optical components

Supports radars, guidance systems, communications and sensors

Relevant to laser systems, infrared equipment and electronic substrates

Gallium and high-purity alumina strengthen advanced defence manufacturing

Why defence uses aluminium



Lightweight



Strength



Corrosion resistance



Conductivity



Thermal performance

Adding aluminium to Australia's critical minerals list is essential for securing defence industry supply chains.