



Consolidated Alloys

A Division of C.A. Group Australasia Pty. Limited inc in Vic.
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LEAD ANODES

PRODUCT DESCRIPTION

Consolidated Alloys manufacture rolled lead anodes for the electrorefining and electrowinning of metals. The lead anodes are manufactured in calcium-tin-lead (Ca/Sn/Pb), silver-lead (Ag/Pb) and antimonial lead (Sb/Pb) alloys which are the preferred alloys for these applications with their high resistance to corrosion in the sulphuric acid based electrolyte solutions.

Rolled lead anodes have become the industry benchmark with the benefits of fine grain structure, less segregation and elimination of cracks and voids resulting in more uniform corrosion of the anode.

Anode applications other than electrowinning of metals such as plating and cathodic protection can also be catered for with cast and extruded anodes.

APPLICATIONS

Electrowinning of copper, nickel, cobalt and zinc in SX-EW processing of ores.

Ca/Sn/Pb alloy is generally used for copper, nickel and cobalt applications.

Ag/Pb alloy is the preferred alloy in zinc electrowinning

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