

# The Aluminum Association

Incorporated



## LEED™ Fact Sheet Aluminum Sheet & Plate for the Building & Construction Market

(LEED™ is Leadership in Energy & Environmental Design. The LEED Green Building Rating System™, as promulgated by the U.S. Green Building Council, aims to improve occupant well-being, environmental performance and economic returns of buildings using established and innovative practices, standards and technologies.)

### RECYCLED CONTENT

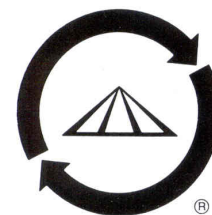
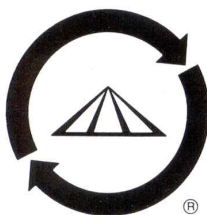
A survey of aluminum producers in late 2003 indicated that the total recycled content of domestically produced, flat rolled products for the Building and Construction market was approximately 80 - 85%. A subsequent survey of the producers indicated that on average, approximately half of the recycled content (or 40 – 42% of the total content) is from post-consumer sources. While these numbers represent the industry average, higher post-consumer and total recycled content material may be available from individual producers. For information on the LEED™ program and to find out how you can earn credit for the recycled content of your aluminum products go to: [http://www.usgbc.org/leed/leed\\_main.asp](http://www.usgbc.org/leed/leed_main.asp).

### RECYCLABILITY

Not only does the aluminum used in the building and construction industry contain a high percentage of both post-consumer and post-industrial recycled content, at the end of its long, useful life in your building application it is **100% recyclable**. Aluminum building components can be repeatedly recycled back into similar products with no loss of quality, and aluminum in its various forms provides the most valuable component for most municipal recycling efforts.

To produce **aluminum from recycled material requires only 5% of the energy** required to produce aluminum from bauxite ore, and every ton of recycled aluminum saves 4 tons of bauxite. Additionally, using recycled aluminum instead of raw materials reduces air pollution generation such as CO<sub>2</sub>, SO<sub>x</sub>, and NO<sub>x</sub> by 95% and water pollution by 97%.

For additional information on aluminum products for the building and construction industry, please contact your local supplier.



[www.aluminum.org](http://www.aluminum.org)