

## LEED™ Certificate For Softforms Aluminum Extrusions

### RECYCLED CONTENT

The aluminum that makes up the total content of our Softforms Drywall and Plaster extrusions consist of 30% Primary aluminum billets and 70% Secondary aluminum billets. The Secondary aluminum billets are produced using 10% Post-consumer scrap and 60% Post-industrial or Pre-consumer scrap

Under the guidelines of the USGBC – LEED V2.2, the total recycled content of the extruded aluminum Perimeter Trims is 28%.

$$.30 \times 0 + .70 (.10 + \frac{1}{2} \times .60) = 28.0\%$$

The finished product may be manufactured in one of two locations whichever are closest to our customer, Riverdale Maryland and Phoenix Arizona. The material is extruded in Canfield, Ohio. The raw materials that make up this extrusion are #6063 Aluminum alloys, originating in New Madrid, Missouri.

### RECYCLABILITY

Not only does the aluminum used in our Softforms extrusions contain a good 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. The aluminum 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%.

Information within this certificate was extracted from The Aluminum Association LEED™ Fact Sheet on Aluminum Sheet & Plate for the Building & Construction Market [www.aluminum.org](http://www.aluminum.org)