



October 25th, 2012

Recycled Material Content and Regional Materials for LEED Documentation

Sapa Extrusions North America – Pointe-Claire facility, Quebec, Canada, manufactures aluminum alloy extrusions, which, according to analyses provided by our ingot raw material suppliers, contain lead (Pb), and cadmium (Cd) only as impurities in the metal at levels less than 10 ppm. The material we supply you does not contain mercury (Hg), hexavalent chromium (Cr ₊₆), polybrominated biphenyl (PBB) flame-retardants, or polybrominated diphenyl ether (PBDE) flame-retardants.

If secondary (recycled) aluminum is requested at time of ordering the extrusions, Sapa Extrusions North America – Pointe-Claire facility, will use an aluminum billet that contains post-consumer recycled aluminum and pre-consumer recycled aluminum to produce the extrusions. The recycled contents varies per alloy as follow:

- Hard alloys (6005, 6005A, 6061 and 6351): 35 % post-consumer and 3% pre-consumer
- 6063-2 alloy (for painted and mill finish extrusions): 20 % post-consumer and 3% pre-consumer
- 6063-5 alloy (for anodized extrusions): 10 % post-consumer and 3% pre-consumer

In addition, Sapa recycles 100% of our aluminum scrap and the steel from our extrusion dies. This internal scrap is not included in the pre-consumer recycled content.

Our Pointe-Claire facility uses secondary (recycled) aluminum billets produced in Toronto, Ontario, Canada as well as prime billets produced in Jonquière and Bécancour, Québec, Canada. Most of the post-consumer scrap is collected within 500 miles of Toronto facility where the secondary aluminum is produced.

Respectfully,

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