2019 Recycled Content Estimates

This document contains information relative to Bonnell Aluminum's ("Bonnell") recycled content of its aluminum extruded products ("Products").

Notes:
Due to the irregular availability of scrap in the open markets, it is not unusual to observe fluctuations relative to the amount of recycled content used in the production of aluminum billets and logs. As the amount of recycled content varies from cast to cast, so will the recycled content of the products at the time they are manufactured. This document is subject to change without notice.

Recycled Content:
Bonnell's extruded products are manufactured from aluminum billets or logs that are either produced internally from its casting operations or procured from external sources. Internally produced logs and billets use a combination of "prime" and recycled aluminum including press scrap and other aluminum scrap materials that have been recovered. For the purpose of this document, aluminum scrap materials originated from a manufacturing process are referred as "pre-consumer"; aluminum scrap materials originated after consumer use are referred as "post-consumer".

2019 Recycled Content Estimates:
Based on our most recent supplier survey and internal assessments, below is Bonnell's 2018 estimated recycled content average of its aluminum extruded products. Please note that this information is for reference purpose only and does not constitute a guarantee of accuracy.

Facility	Total	Pre-Consumer	Post-Consumer
Carthage, TN	61.5%	50.0%	11.5%
Newnan, GA (*)	52.3%	40.0%	12.3%
Niles, MI	21.2%	16.9%	4.3%
Clearfield, UT	0.0%	0.0%	0.0%

(*): Excluding automotive programs

Regional Materials: It is Bonnell's understanding that LEED®(1) Credits MR5.1 and MR5.2 Regional Materials encourages the use of building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site. If only a fraction of a product or material is extracted, harvested, or recovered and manufactured locally, then only that percentage (by weight) can contribute to the regional value. Caution should be used when applying this credit.

LEED® EQ Credit 4.2 Low-Emitting Materials (Paints & Coatings): It is Bonnell's understanding that factory-applied paints and coatings do not qualify for LEED® EQ Credit 4.2 Low-Emitting Materials. Anodized coatings do not use VOC compounds and comply with VOC limits as per Green Seal Standard GS-11.

(1): LEED® is a registered trademark of the U.S. Green Building Council.

Date issued: January 17, 2020
Replacing: November 12, 2019