



## Environmental Recycled Contents\* Position Paper on Steel

	Post-consumer Material (%)	Pre-consumer Material (%)	Home Scrap (%)	Virgin Material (%)	Total Material (%)
EAF Steel Operations	50.6%	33.3%	5.8%	10.3%	100%

- Electric Arc Furnace (EAF)
- Post-consumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.
- Pre-consumer material comes from process waste that is used to make a different product.
- Home Scrap is internally generated scrap from steel processing operations and which does not fall into either of the pre-consumer or post-consumer scrap categories.
- As of January 1, 2013, with the introduction of LEEDv4, the USGBC has ruled on the use of industry-average recycled content of materials. Recycled content claims must now be “specific to the installed product” (referring to a unique product distinguished by color, type and/or location of manufacturer as identified by the consumer SKU or other means). For LEED documentation, steel has a previously established industry average of 25% post-consumer recycled content, which does not require documentation on a per product basis. That 25% post-consumer recycled content can be used as a default minimum value if a product-specific value is not available. The use of steel panels by ATAS International can contribute up to two points in the Building Product Disclosure and Optimization Sourcing of Raw Materials LEED credit.

### Equation 1

Recycled Content Value (\$) =  
 $(\% \text{ post-consumer recycled content} \times \text{material cost}) + 0.5 \times (\% \text{ pre-consumer recycled content} \times \text{material cost})$

### Equation 2

Percent Recycled Content =  $\text{Total Recycled Content Value (\$)} \div \text{Total Materials Cost (\$)}$

### Note:

ATAS can provide an industry-wide Environmental Product Declaration (EPD) as a participant of the Metal Construction Association’s EPD for roll-formed aluminum and steel wall and roof cladding systems. (UL Certified EPD Declaration Number 4789289084.103.1). This can contribute one point in the Building Product Disclosure and Optimization Environmental Product Declarations (EPD) LEED credit.

*\*ATAS sources materials based on availability and price. The recycled content shown is an example of one supplier’s material as sourced by ATAS. When a certain recycled content is required by the customer, the material can be sourced, however extended lead times and increased costs may be incurred. ATAS is certified to ISO 9001:2015 with design and development and has complete traceability on all materials used in the production of primary products.*

**A leading manufacturer with a reputation built on 60 years of quality craftsmanship and knowledgeable staff.**

Headquarters: 6612 Snowdrift Road, Allentown, PA 18106 | Mesa, AZ | University Park, IL

