

# Leed v4 Credit Information

## Building Product Disclosure and Optimization – Sourcing of Raw Materials

### Hadrian products can contribute toward Option 2. Leadership Extraction Practices (1 Point)

Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project.

- Recycled content. Recycled content is the sum of post-consumer recycled content plus one half the Pre-consumer recycled content, based on cost. Products meeting recycled content criteria are valued at 100% of their cost for the purposes of credit achievement calculation.

For credit achievement calculation, products sourced (extracted, manufactured, and purchased) within 100 miles (160 km) of the project site are valued at 200% of their base contributing cost. For credit achievement calculation, the base contributing cost of individual products compliant with multiple responsible extraction criteria is not permitted to exceed 100% its total actual cost (before regional multipliers) and double counting of single product components compliant with multiple responsible extraction criteria is not permitted and in no case is a product permitted to contribute more than 200% of its total actual cost.

### Hadrian’s Recycled Content Documentation

LEED CATEGORY	DESCRIPTION	POWDER COATED TOILET PARTITIONS	STAINLESS STEEL TOILET PARTITIONS	SOLID PLASTIC TOILET PARTITIONS	LOCKERS BOOT RACKS
				CLASS B	
Recycled Content	Post-consumer	36%	76%	0%	36%
	Pre-consumer	14%	15%	Minimum of 30%	14%
	In addition to the recycled content of the material above, the honeycomb core of powder coated toilet partitions, stainless steel toilet partitions and lockers contains 9% post-consumer and 9% pre-consumer recycled content.				
	Product Weight Distribution	92% Steel 8% Honeycomb	92% Steel 8% Honeycomb	N/A	99% Steel 1% Honeycomb
Regional Materials	Manufacturing/ Final assembly location	Burlington, ON	Burlington, ON	Mentor, OH	Calgary, AB
	Material extraction / harvest location	Material extraction / harvest locations are not available.			

Hadrian’s packaging materials (hardware boxes and locker end-caps) are made from 100% recycled material and our triple-ply, corrugated shipping container (USA) is 100% recyclable.

### VOLATILE ORGANIC COMPOUNDS (VOCs)

Hadrian products (metal and solid plastic) do not emit volatile organic compounds. Our powder coating process utilizes environmentally friendly technology as there is virtually no waste, energy consumption is low, and there are no solvent emissions.

### UREA FORMALDEHYDE

Hadrian products do not contain urea formaldehyde.

## Building Product Disclosure and Optimization – Material Ingredients

### Option 1. Leadership Extraction Practices (1 Point)

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1,000 ppm).

- Health Product Declaration. The end-use product has a published, complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration Open Standard.

**Hadrian’s Contribution** – Hadrian is working toward a Health Product Declaration (HPD). Release date TBA.