



Construction and Demolition Waste Calculator

LEED v4 for D+C - MR Credit Construction and Demolition Waste Management
LEED v4 for ND - GIB Credit Solid Waste Management

Step 1.

Enable macros.

Note: This calculator is for use with Excel for Mac 2011 and Excel 2007 or later.

Step 2.

Unit of measurement

Step 3.

Complete the Calculator tab for all construction waste generated on the project.

Note: Land clearing debris, including soil, and materials contributing to GIB Credit Building Reuse (for ND projects) does not qualify as diverted waste and should be excluded from calculations. Alternative daily cover (ADC) does not qualify as diverted waste but is included in the total waste of the project.

Step 4.

Upload the completed spreadsheet to LEED Online. Complete any related summary fields in the LEED credit form with the results of the calculator.

Calculator

Material Description	Material Type	Material Stream	Total Waste (tons)	Commingled Waste: Average Percentage of ADC Produced by the Sorting Facility (%)	Diverted Waste (tons)	Percent Diverted (%)	Waste to Landfill (tons)
Brick	Masonry	Salvaged	0.00		0.00	0.00%	0.00
Brick/Block	Masonry	Recycled - source separated	0.00		0.00	0.00%	0.00
Mortar	Masonry	Commingled - recycled	0.00		0.00	0.00%	0.00
Ceiling Tile	Gypsum board	Commingled - recycled	0.45		0.45	100.00%	0.00
Wood	Wood	Commingled - recycled	134.23		134.23	100.00%	0.00
Insulation	Other (specify)	Commingled - recycled	24.30		24.30	100.00%	0.00
Sheetrock	Gypsum board	Commingled - recycled	55.53		55.53	100.00%	0.00
Tile	Other (specify)	Commingled - recycled	4.36		4.36	100.00%	0.00
Cardboard	Cardboard and papers	Commingled - recycled	42.00		42.00	100.00%	0.00
Metal	Metals	Commingled - recycled	403.30		403.30	100.00%	0.00
Plastic	Plastic	Commingled - recycled	34.18		34.18	100.00%	0.00
Vinyl Flooring	Vinyl	Commingled - recycled	0.00		0.00	0.00%	0.00
Concrete	Concrete	Commingled - recycled	3,426.03		3,426.03	100.00%	0.00
Paper	Cardboard and papers	Commingled - recycled	10.18		10.18	100.00%	0.00
Block	Masonry	Recycled - source separated	0.00		0.00	0.00%	0.00
Brick/Block/Concrete	Masonry	Commingled - recycled	0.00		0.00	0.00%	0.00
Floor Tile	Vinyl	Commingled - recycled	0.00		0.00	0.00%	0.00
Styrofoam	Other (specify)	Commingled - recycled	25.02		25.02	100.00%	0.00
Dirt	Other (specify)	Commingled - recycled	5.52		5.52	100.00%	0.00
Concrete	Concrete	Recycled - source separated	0.00		0.00	0.00%	0.00
Block	Masonry	Commingled - recycled	0.00		0.00	0.00%	0.00
Tin	Metals	Recycled - source separated	0.00		0.00	0.00%	0.00
Aluminum, Copper	Metals	Commingled - recycled	0.00		0.00	0.00%	0.00
Copper	Metals	Recycled - source separated	0.00		0.00	0.00%	0.00
Aluminum	Metals	Recycled - source separated	0.00		0.00	0.00%	0.00
Brass, Copper, Lead	Metals	Commingled - recycled	0.00		0.00	0.00%	0.00
Alum., Brass, Copper, Tin	Metals	Commingled - recycled	0.00		0.00	0.00%	0.00
Copper, Wire	Metals	Commingled - recycled	0.00		0.00	0.00%	0.00
Brass, Copper, Tin, Wire	Metals	Commingled - recycled	0.00		0.00	0.00%	0.00
Aluminum, Copper, Tin	Metals	Commingled - recycled	0.00		0.00	0.00%	0.00
Wire	Metals	Recycled - source separated	0.00		0.00	0.00%	0.00
Clips	Metals	Recycled - source separated	0.00		0.00	0.00%	0.00
Brick/Block	Masonry	Commingled - recycled	4,230.25		4,230.25	100.00%	0.00
Carpet	Carpet and pad	Commingled - recycled	0.00		0.00	0.00%	0.00
Residual/Trash	Trash	Landfill waste	483.54			0.00%	0.00
						0.00%	0.00
						0.00%	0.00
						0.00%	0.00
Total construction waste (tons)							8,878.89
Total diverted construction waste (tons)							8,395.35
For D+C projects	Total number of material streams						10
For ND projects	Total diverted asphalt, brick, and concrete (ABC) waste (tons)						7,656.28

Summary for Design and Construction Rating Systems

Note: All information on this tab is READ-ONLY. To edit, see the previous tab.

Total construction waste (tons)

Total construction waste diverted (tons)

Percentage of construction waste diverted from landfill (%)

Number of material streams diverted

Summary for Neighborhood Development Rating Systems

Note: All information on this tab is READ-ONLY. To edit, see the previous tab.

Total construction waste (tons)	8,878.89
Total construction waste diverted (tons)	8,395.35
Percentage of construction waste diverted from landfill (%)	94.55%

For projects with asphalt, brick, and concrete waste

Total diverted asphalt, brick, and concrete (ABC) waste (tons)	7,656.28
Total construction waste diverted (tons)	8,395.35
ABC diverted waste as a percentage of total diverted waste (%)	91.20%