



January 18, 2021

LEED v4 - For New Construction and Major Renovations

GerdaU is a proud member of the U.S. Green Building Council (USGBC) and takes an active role in supporting a greener built environment through the implementation of the Leadership in Energy and Environmental Design (LEED) Certification Program. GerdaU recognizes the impact that the built environment has on our natural environment, economy, health and productivity and supports the USGBC in their efforts to promote green construction and to maximize both economic and environmental performance.

The products and services that GerdaU provides can be utilized to help meet specific credits in LEED v4 rating system: Below is information specific to pertinent areas of the **MATERIALS AND RESOURCES (MR)** section of the rating system.

MATERIALS AND RESOURCES (MR) Credit: Building Product Disclosure and Optimization

Environmental Product Declarations (EPDs)

- GerdaU has product specific 3rd party certified EPDs (Type III) for each steel mill. The EPDs can be found on GerdaU website below.
<https://www2.gerdau.com/products-and-resources/certifications>

Sourcing of Raw Materials

- The main component of raw material for the electric arc furnace steelmaking process is recycled steel scrap. GerdaU publishes recycled content (post-consumer and pre-consumer) for each steel mill. Data is updated annually. See table on page 2.

Material Ingredients

- GerdaU has a complete Health Product Declaration (HPD) in compliance with the Health Product Declaration open standard. The HPDs can be found on GerdaU website below.
<https://www2.gerdau.com/products-and-resources/certifications>
- GerdaU complies with the “International Alternative Compliance Path – REACH Optimization”. End use products do not contain substances of very high concern. Letter is available upon request.

In each of the above three sections, products sourced (extracted, manufactured and purchased) within 100 miles of project site are valued at 200% of their base contributing cost. GerdaU has regionally located steel mills, and can determine the percent of the material harvest that is regional to your project. Please contact Marcos Burger at marcos.burger@gerdaU.com or at (804) 481-6955 for project specific information.



2020 Recycled Steel Content for All Products by Mill

Mill	Postal Code	Post-consumer Scrap Content %	Pre-consumer Scrap Content %	Home or revert Scrap %	Total Recycled Content %	Non Recycled Content %	*Products Produced
Cambridge, ON	N1T 1R9	86.1	7.4	5.4	98.8	1.2	M, R
Cartersville, GA	30121	78.8	16.9	3.3	99.0	1.0	M, S
Charlotte, NC	28269	74.6	18.5	5.9	99.0	1.0	M, R, S
Jackson, TN	38305	78.5	14.9	5.3	98.7	1.3	M, R, S
Selkirk, MB	R1A 1P6	69.2	8.5	20.6	98.3	1.7	M, R, SBQ
Midlothian, TX	76065	77.8	4.5	16.6	98.9	1.1	M, R, SBQ, S
Petersburg, VA	23803	71.2	11.9	15.9	99.0	1.0	S
St Paul, MN	55119	80.8	8.4	9.4	98.6	1.4	M, R, SBQ
Whitby, ON	L1N 7G8	86.1	7.4	5.4	98.8	1.2	M, R, S
Wilton, IA	52778	72.6	15.0	11.4	99.0	1.0	M, SBQ
All Mills		77.6	10.0	11.2	98.9	1.1	

Product Abbreviations: Merchant (M), Rebar (R), Special Bar Quality (SBQ), Structural (S)

If you need any further information please contact the undersigned.

Sincerely,

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