

October 2020

To: All Nucor Customers

Re: 2019 Recycled Content of Nucor Steel Mill Products

Nucor Corporation is North America’s largest recycler, using approximately 20.0 million net tons of scrap steel in 2019 to create new products. Nucor uses Electric Arc Furnace (EAF) technology at all of its steel recycling facilities. EAFs use post-consumer scrap steel material as the major feedstock, unlike blast furnace operations that use mined iron ore as the major feedstock. Nucor has prepared the following information to help calculate the recycled content for products being used in “Green Building” applications or for projects in the LEED® certification program. These percentages are based on the total weight of the products. The calculations are based on 2019 scrap steel delivered and hot metal tons produced and are defined in accordance with ISO 14021:2015. More specific product information may be available from facility representatives. You can find the division contact information here – [Nucor LEED Contacts \(PDF\)](#).

Recycled Content – LEED 2009 MR 4; LEED v4 MR Credit: Sourcing of Raw Materials

2019 Recycled Steel Content of Nucor Products (% by Total Weight)	
Product Group	Average Recycled Content
Nucor Bar Products	97.0%
Nucor Engineered Bar Products	85.5%
Nucor Beam Products	79.7%
Nucor Plate Products	60.5%
Nucor Sheet Products	55.8%
Nucor Castrip®	83.5%
Total Nucor Steel Combined	70.9%
Vulcraft Structural Products	97.0%
Vulcraft / Verco Decking	55.8%
Nucor Grating / Fisher-Ludlow Grating	97.0%
Nucor Building Group	70.9%
Harris Rebar	97.0%
Nucor Tubular Products	57.2%
Nucor Fastener Products	97.0%
Nucor Wire Products	97.0%
Nucor Cold Finish	85.5%

Bar Mill Group – The Nucor Bar Mill Group produces rebar, angles, flats, rounds and other miscellaneous structural and non-structural shapes.

2019 Recycled Steel Content of All Nucor Bar Mill Group Products				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post-Consumer Recycled Content	Total Pre-Consumer Recycled Content
Auburn, NY	97.0%	0.2%	87.1%	9.9%
Birmingham, AL	97.7%	0.2%	95.4%	2.3%
Jackson, MS	97.9%	0.2%	91.3%	6.5%
Jewett, TX	95.8%	1.9%	83.9%	11.9%
Kankakee, IL	96.4%	0.2%	71.8%	24.6%
Kingman, AZ	97.9%	0.2%	89.0%	9.0%
Marion, OH	97.4%	0.3%	83.1%	14.3%
Plymouth, UT	97.5%	0.2%	6.3%	1.3%
Seattle, WA	97.3%	0.2%	90.9%	6.4%
Sedalia, MO	98.6%	1.4%	91.8%	6.8%

Engineered Bar Products Group – The Nucor Engineered Bar Mill Products Group produces angles, flats, rounds and other miscellaneous shapes.

2019 Recycled Steel Content of All Nucor Engineered Bar Products Group				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post-Consumer Recycled Content	Total Pre-Consumer Recycled Content
Darlington, SC	86.3%	12.0%	54.4%	31.9%
Memphis, TN	76.9%	16.9%	54.5%	22.3%
Norfolk, NE	92.1%	2.5%	66.1%	36.0%
Wallingford, CT	81.1%	18.9%	62.2%	18.9%

Plate Mill Group – Nucor Plate mills produce a variety of plate products in a wide range of sizes. Nucor Plate mills use varying amounts of recycled materials based on metallurgical and market demands.

2019 Recycled Steel Content of Plate Mill Products				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post-Consumer Recycled Content	Total Pre-Consumer Recycled Content
Hertford County, NC	63.5%	31.8%	45.9%	17.6%
Tuscaloosa, AL	54.4%	40.6%	36.5%	17.9%
Longview, TX	90.2%	0.2%	48.3%	41.9%

Sheet Mill Group – The Nucor Sheet Mill Group produces hot band, cold rolled, pickled and galvanized products. Nucor Sheet mills use varying amounts of recycled materials depending on metallurgical product demands and market conditions.

2019 Recycled Steel Content of Nucor Sheet Mill Group Products				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post-Consumer Recycled Content	Total Pre-Consumer Recycled Content
Crawfordsville, IN	75.6%	22.1%	8.6%	67.0%
Hickman, AR	52.5%	43.8%	31.8%	20.7%
Berkeley, SC	43.7%	52.2%	28.5%	15.2%
Decatur, AL	53.7%	42.9%	23.8%	29.9%
Gallatin, KY	58.9%	36.5%	31.6%	27.3%
Nucor Castrip® Blytheville, AR	91.7%	5.2%	77.3%	14.4%
Nucor Castrip® Crawfordsville, IN	75.6%	22.1%	8.6%	67.0%

Beam Mill Group – Nucor Beam mills produce narrow and wide flange structural beams, channel, angle and other structural products. Nucor Steel Berkeley uses a higher percentage of non-scrap iron due to metallurgical product demands for sheet steel produced using the same EAF’s.

2019 Recycled Steel Content of Beam Mill Products				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post-Consumer Recycled Content	Total Pre-Consumer Recycled Content
Nucor Yamato Steel, Blytheville, AR	91.7%	5.2%	77.3%	14.4%
Nucor Berkeley, Huger, SC	43.5%	52.4%	28.5%	15.0%

Regional Materials – LEED 2009 Credit 5; LEED v4 Local Sourcing

Nucor tracks the origin of scrap shipments to our mills. Nucor can approximate the amount of scrap recovered from any project site region. Nucor owns steel and steel products manufacturing facilities throughout the US that are often within 500 miles of the project site. Please refer to the [Nucor LEED Contact List](#) and contact the specific Nucor representative at the facility directly.

LEED v4 Information

Nucor can provide a variety of documentation to help projects satisfy LEED v4 credit requirements. Nucor publishes a [Corporate Sustainability Report](#) which can be found on our website.

We continue to develop product-specific Environmental Product Declarations and Health Product Declarations for a variety of product groups. Nucor has participated in multiple industry-wide Environmental Product Declarations which can be used for Nucor products. Additionally Nucor will work directly with any customer requiring product life cycle inventory data or other environmental footprint information.

Additional LEED and/or other environmental information regarding specific Nucor Corporation products for a customer's specific order is available from facility representatives or the corporate office. [A current contact list can be found here](#)

Additional industry information is available online through the Steel Recycling Institute at <https://www.steelsustainability.org/>