



November 24, 2009

**To: All Nucor Customers**

**Re: 2008 Recycled Content of Nucor Steel Products**

Nucor Corporation is the nation’s largest recycler, using over 19 million tons of scrap steel in 2008 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® program. Percentages are approximate and based on the total weight of the products. Calculations are based on 2008 scrap steel delivered and finished materials produced and are defined in accordance with ISO 14021:1999. The values in the table on this page do not consider home scrap or scrap generated onsite; it is accounted for in the specific facility information on the remaining pages of this document. More specific product information may be available from facility representatives.

**Recycled Content – LEED Version 2.2 Credits 4.1 & 4.2 and LEED V 3 Credit 4**

<b>2008 Recycled Steel Content of Nucor Products (% by Total Weight)</b>	
<b>Product Group</b>	<b>Average Recycled Content</b>
Nucor Bar Products	97.7%
Nucor Beam Products	76.2%
Nucor Plate Products	92.5%
Nucor Sheet Products	70.2%
<b>Total Nucor Steel Combined</b>	<b>89.7%</b>
Vulcraft Structural Products	97.7%
Vulcraft Decking	70.2%
Nucor Building Group	89.7%
NUCON Light Gauge Framing	70.2%
Nucor Fastener Products	97.7%
Nucor Wire Products	97.7%
Nucor Cold Finish	97.7%

**Regional Materials – LEED Version 2.2 Credits 5.1 & 5.2 and LEED Version 3 Credit 5**

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



**CORPORATE OFFICE**

**Bar Mill Group** – Darlington, SC; Norfolk, NE; Jewett, TX; Plymouth, UT; Auburn, NY; Birmingham, AL; Kankakee, IL; Jackson, MS; Seattle, WA; Marion, OH; Memphis, TN

<b>2008 Approximate Recycled Steel Content Of All Nucor Bar Mill Group Products<sup>(*)</sup></b>				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post-consumer Recycled Content	Total Pre-consumer Recycled Content
All	<b>97.7%</b>	<b>2.3%</b>	<b>85%</b>	<b>13%</b>

The Nucor Bar Mill Group produces rebar, angles, flats, rounds and other miscellaneous shapes. The bar mill group uses recycled scrap steel for 97.7% of the feedstock.

**Sheet Mill Group** – Crawfordsville, IN; Hickman, AR; Huger, SC; Decatur, AL

<b>2008 Approximate Recycled Steel Content Of Nucor Sheet Mill Group Products<sup>(*)</sup></b>				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post Consumer Recycled Content	Total Pre-consumer Recycled Content
Crawfordsville, IN	<b>85.9%</b>	<b>14.1%</b>	<b>74.9%</b>	<b>11.1%</b>
Hickman, AR	<b>66.4%</b>	<b>33.6%</b>	<b>57.8%</b>	<b>8.6%</b>
Berkeley, SC	<b>61.2%</b>	<b>38.8%</b>	<b>53.2%</b>	<b>8.0%</b>
Decatur, AL	<b>67.1%</b>	<b>32.9%</b>	<b>58.4%</b>	<b>8.7%</b>

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. The combined sheet mill total recycled content is approximately 70.2%.

**Beam Group** – Blytheville, AR; Huger, SC

<b>2008 Approximate Recycled Steel Content of Beam Mill Products<sup>(*)</sup></b>				
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	<b>91.2%</b>	<b>8.8%</b>	<b>79.3%</b>	<b>11.8%</b>
Nucor Berkeley, Huger, SC	<b>61.2%</b>	<b>38.8%</b>	<b>53.1%</b>	<b>7.9%</b>

Nucor Beam mills produce narrow and wide flange structural beams. Nucor Yamato uses approximately 91% scrap steel for their feedstock. 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. The combined beam mill recycled content is approximately 76.2%.

**Plate Group** - Hertford County, NC; Tuscaloosa, AL

<b>2008 Approximate Recycled Steel Content of Plate Mill Products<sup>(*)</sup></b>				
Facility	Total Scrap Steel Used	Total Alloys and Other Iron Units	Total Post Consumer Recycled Content	Total Pre-consumer Recycled Content
Hertford County, NC	<b>92.1%</b>	<b>7.9%</b>	<b>80.1%</b>	<b>11.9%</b>
Tuscaloosa, AL	<b>92.9%</b>	<b>7.1%</b>	<b>80.8%</b>	<b>12.0%</b>

The Nucor Plate mills produce steel for heavy industry equipment. The combined plate mill recycled content by weight is approximately 92.5%.

<sup>(\*)</sup> Studies show that the recycled steel used for Nucor products consists of approximately 87% post-consumer scrap. The remaining 13% typically consists of pre-consumer scrap generated by manufacturing processes.

**Vulcraft Group** – Florence, SC; Norfolk, NE; Brigham City, UT; Grapeland, TX; St. Joe, IN; Fort Payne, AL; Chemung, NY; **Verco Decking, Inc.** – Phoenix, AZ; Fontana, CA; Antioch, CA

**Joists** - The bar steel for most Vulcraft joists is obtained from one of the nine Nucor bar mills that use 97.7% scrap steel as their feedstock. A breakdown of the recycled content of Nucor bar mill products is detailed above. That would mean that the post and pre consumer recycled content would be approximately 85% and 13% respectively. Vulcraft facilities may receive steel from sources outside of Nucor that may contain lower amounts of recycled steel. Specific product information is available from facility representatives.

**Deck** – Steel for decking produced by Vulcraft facilities are typically obtained from one of the four Nucor sheet mills. A breakdown of the recycled content of Nucor sheet mill products is detailed above. Vulcraft deck products contain approximately 70.2% recycled steel. That would mean that the post and pre consumer recycled content would be approximately 61% and 9% respectively. Verco Decking, Inc. may obtain steel from sources outside of Nucor that may contain lower amounts of recycled content; specific product information is available from facility representatives.

### **Products Group** -

- **Nucor Building Group** – Swansea, SC; Waterloo, IN; Terrell, TX; Brigham City, UT; **American Buildings Company** – Eufaula, AL; La Crosse, VA; Carson City, NV; El Paso, IL; **Kirby Building Systems** – Portland, TN; **Gulf States Manufacturer** – Starkville, MS; **CBC Steel** – Lathrop, CA;
- **NUCON Steel** – Denton, TX; Dallas, GA
- **Nucor Fastener** – St. Joe IN
- **Nucor Wire Products Pennsylvania** – New Salem, PA; **Nucor Steel Connecticut** – Wallingford, CT; **LMP Steel** – Maryville, MO;
- **Nucor Cold Finish** – Milwaukee, WI; Darlington, SC; Brigham City, UT; Norfolk, NE

**Nucor Building Group** (Including American Buildings Company, Kirby Building Systems, Gulf States Manufacturer and CBC Steel) – Nucor Building Group products may contain steel from all of the Nucor steel mills including sheet, plate, bar and beam. The average amount of recycled steel used in Nucor Building Group products is approximately 89.7%. That would mean that the post and pre consumer recycled content would be approximately 78% and 11% respectively. Nucor Building Group facilities may obtain steel from sources outside of Nucor that may contain lower amounts of recycled content; specific product information is available from facility representatives.

**NUCONSTEEL**- NUCONSTEEL light gauge steel framing products are typically obtained from one of the four Nucor sheet mills. A breakdown of the recycled content of Nucor sheet mill products is detailed above. NUCON products contain approximately 70.2% recycled steel. That would mean that the post and pre consumer recycled content would be approximately 61% and 9% respectively.

**Nucor Fastener** – Steel for fasteners is typically obtained from Nucor bar mills that use scrap steel as their feedstock. Some fasteners may contain high percentages of alloys that may reduce the total recycled content of the products, but Nucor Fastener products typically contain 97.7% recycled materials. That would mean that the post and pre consumer recycled content would be approximately 85% and 13% respectively.

**Nucor Wire Products Pennsylvania, Nucor Connecticut, LMP Steel** – Steel for wire is typically obtained from a Nucor bar mill that uses scrap as the feedstock. Nucor wire products contain 97.7% recycled steel. That would mean that the post and pre consumer recycled content would be approximately 85% and 13% respectively.

**Nucor Cold Finish** – Steel processed at Nucor Cold Finish is typically obtained from Nucor bar mills. The Nucor Cold Finish is over 97.7% recycled steel. That would mean that the post and pre consumer recycled content would be approximately 85% and 13% respectively. Nucor Cold Finish facilities may obtain steel from sources outside of Nucor that may contain lower amounts of recycled content. Specific product information is available from facility representatives.

Additional information is available online through the Steel Recycling Institute at <http://www.recycle-steel.org>.