



March 29, 2010

**To: All Nucor Customers**

**Re: 2009 Recycled Content of Nucor Steel Products**

Nucor Corporation is the nation’s largest recycler, using over 13 million tons of scrap steel in 2009 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. These percentages are approximate and are based on the total weight of the products. The calculations are based on 2009 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>2009 Recycled Steel Content of Nucor Products (% by Total Weight)</b>	
<b>Product Group</b>	<b>Average Recycled Content</b>
Nucor Bar Products	99.9%
Nucor Beam Products	82.9%
Nucor Plate Products	92.2%
Nucor Sheet Products	72.9%
<b>Total Nucor Steel Combined</b>	<b>91.7%</b>
Vulcraft Structural Products	99.7%
Vulcraft Decking	72.7%
Nucor Building Group	67.9%
NUCON Light Gauge Framing	72.9%
Nucor Fastener Products	99.9%
Nucor Wire Products	94.7%
Nucor Cold Finish	91.3%

**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 often within 500 miles of the project site. Please refer to the LEED Contact List ([www.nucor.com/responsibility/environment/leed](http://www.nucor.com/responsibility/environment/leed), then click on LEED Regional Material Contacts), and contact the specific Nucor representative at the facility directly.

**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>2009 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>99.9%</b>	<b>0.1%</b>	<b>87%</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 99.9% of the feedstock.

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

<b>2009 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>89.4%</b>	<b>10.6%</b>	<b>77.8%</b>	<b>11.6%</b>
Hickman, AR	<b>69.1%</b>	<b>30.9%</b>	<b>60.1%</b>	<b>9.0%</b>
Berkeley, SC	<b>64.5%</b>	<b>35.5%</b>	<b>56.1%</b>	<b>8.4%</b>
Decatur, AL	<b>68.6%</b>	<b>31.4%</b>	<b>59.7%</b>	<b>8.9%</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 72.9%.

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

<b>2009 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>99%</b>	<b>1%</b>	<b>86.2%</b>	<b>12.9%</b>
Nucor Berkeley, Huger, SC	<b>66.7%</b>	<b>33.3%</b>	<b>58.0%</b>	<b>8.7%</b>

Nucor Beam mills produce narrow and wide flange structural beams. Nucor Yamato uses approximately 99% 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 82.9%.

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

<b>2009 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>99.9%</b>	<b>0.1%</b>	<b>87%</b>	<b>13%</b>
Tuscaloosa, AL	<b>84.3%</b>	<b>15.7%</b>	<b>73.4%</b>	<b>11%</b>

The Nucor Plate combined recycled content by weight is approximately 92.2%.

<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 eleven Nucor bar mills. A minor amount of steel is obtained from sources outside of Nucor. As a result, the average recycled content percentage for the Vulcraft group was found to be 99.7%. The post consumer and pre consumer recycled content has been calculated to be approximately 87% and 13% respectively.

**Deck** – Steel for decking produced by Vulcraft facilities is typically obtained from one of the four Nucor sheet mills. Our Vulcraft deck products were found to contain approximately 72.7% recycled steel. The post and pre consumer recycled content was calculated to be approximately 63.2% and 9.4% respectively. Verco Decking, Inc. may obtain steel from sources outside of Nucor that may contain lower amounts of recycled content; specific product information regarding Verco Decking, Inc. 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;
- **NUCONSTEEL** – 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 Steel Kingman, LLC** – Kingman, AZ

**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 or obtain steel from outside of Nucor Corporation for their sheet, plate, bar and beam steel needs. The Nucor Building Systems, when taking into account 2009 purchasing practices, contain an average of 60.5% total recycled content. The post and pre consumer recycled content, based on this data, was 56.1 % and 8.4% respectively.

**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 as a result contain approximately 72.9 % recycled steel. We calculated the post and pre consumer recycled content at approximately 63.4% and 9.5% respectively.

**Nucor Fastener** – Steel for Nucor 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 99.9% recycled materials. That would mean that the post and pre consumer recycled content would be approximately 87% 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 were calculated to contain an average 94.7% recycled steel. The post and pre consumer recycled content was calculated to be approximately 82.3% and 12.3% respectively.

**Nucor Cold Finish** – Steel processed at Nucor Cold Finish is typically obtained from Nucor bar mills. The Nucor Cold Finish was calculated to contain an average amount of 91.3% recycled steel. The post and pre consumer recycled content was calculated to be approximately 79.4% and 11.9% respectively.

**Nucor Steel Kingman, LLC** – Steel for Nucor Steel Kingman, LLC products is typically obtained from Nucor bar mills that use scrap steel as their feedstock. Nucor Steel Kingman, LLC products typically contain 99.9% recycled materials. That would mean that the post and pre consumer recycled content would be approximately 87% and 13% respectively.

The purchasing information is self-reported by the products' facilities based on 2009 purchasing practices. The recycled content information is as accurate as the information provided by this facility.

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