



February 19, 2013

**To: All Nucor Customers**

**Re: 2012 Recycled Content of Nucor Steel Products**

Nucor Corporation is the nation’s largest recycler, using over 19 million tons of scrap steel in 2012 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 2012 scrap steel delivered and finished materials produced and are defined in accordance with ISO 14021:1999. 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>2012 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 (and Nucor Castrip® Arkansas, LLC’s sheet products)	82.1%
Nucor Plate Products	84.8%
Nucor Sheet Products	75.7%
Nucor Castrip® Crawfordsville, IN	97.4%
<b>Total Nucor Steel Combined</b>	<b>91.4%</b>
Vulcraft Structural Products	99.9%
Vulcraft Decking	75.7%
Nucor Building Group	91.4%
Nucor Fastener Products	99.9%
Nucor Wire Products	99.9%
Nucor Cold Finish	99.9%

**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 “Nucor 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, Kingman, AZ

<b>2012 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/ Post-industrial Recycled Content
All	<b>99.9%</b>	<b>0.1%</b>	<b>83%</b>	<b>17%</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>2012 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/ Post-industrial Recycled Content
Crawfordsville, IN	<b>95.4%</b>	<b>4.6%</b>	<b>79.2%</b>	<b>16.2%</b>
Nucor Castrip® Crawfordsville, IN	<b>97.4%</b>	<b>2.6%</b>	<b>80.8%</b>	<b>16.6%</b>
Hickman, AR	<b>71.0%</b>	<b>29.0%</b>	<b>58.9%</b>	<b>12.1%</b>
Berkeley, SC	<b>64.1%</b>	<b>35.9%</b>	<b>53.2%</b>	<b>10.9%</b>
Decatur, AL	<b>72.5%</b>	<b>27.5%</b>	<b>60.2%</b>	<b>12.3%</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 75.7%.

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

<b>2012 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/ Post-industrial Recycled Content
Nucor Yamato Steel, Blytheville, AR and Nucor Castrip Arkansas, LLC	<b>99.9%</b>	<b>0.1%</b>	<b>83.0%</b>	<b>17.0%</b>
Nucor Berkeley, Huger, SC	<b>64.2%</b>	<b>35.8%</b>	<b>53.3%</b>	<b>10.9%</b>

Nucor Beam mills produce narrow and wide flange structural beams. Nucor Yamato uses approximately 99.9% scrap steel for their feedstock. Nucor Castrip Arkansas, LLC uses steel melted at Nucor Yamato and products would be equivalent. 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 82.1%.

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

<b>2012 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/ Post-industrial Recycled Content
Hertford County, NC	<b>89.6%</b>	<b>10.4%</b>	<b>74.4%</b>	<b>15.2%</b>
Tuscaloosa, AL	<b>79.9%</b>	<b>20.1%</b>	<b>66.3%</b>	<b>13.6%</b>

The Nucor Plate combined recycled content by weight is approximately 84.8%.

<sup>(\*)</sup> Studies show that the recycled steel used for Nucor products consists of approximately 83% post-consumer scrap. The remaining 17% 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 Vulcraft joists is typically obtained from one of the eleven Nucor bar mills. That would mean that the average recycled content percentage for the Vulcraft group is 99.9%. The post consumer and pre consumer recycled content have been calculated to be approximately 83% and 17% respectively.

**Deck** – Steel for decking produced by Vulcraft facilities is typically obtained from one of the four Nucor sheet mills. That would mean that the Vulcraft deck products contain approximately 75.7% recycled steel. The post and pre consumer recycled content were calculated to be approximately 62.9% and 12.9% 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;
- **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**

**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 using Nucor steel, contains an average of 91.4% total recycled content. The post and pre consumer recycled content was 71.1% and 14.6% 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 83% and 17% 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, when using Nucor bar steel, would contain an average 99.9% recycled steel. The post and pre consumer recycled content was calculated to be approximately 83% and 17% respectively.

**Nucor Cold Finish** – Steel processed at Nucor Cold Finish is typically obtained from Nucor bar mills. The Nucor Cold Finish, when using Nucor steel, would contain an average amount of 99.9% recycled steel. The post and pre consumer recycled content was calculated to be approximately 83% and 17% 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 would then typically contain 99.9% recycled materials. That would mean that the post and pre consumer recycled content would be approximately 83% and 17% respectively.

Additional information regarding specific recycled content of Nucor Corporation products group for a customer's specific order is available from facility representatives.

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