STEEL REINFORCING BARS

A GREENER WAY TO BUILD THE FUTURE

RECYCLED AND RECYCLABLE

The use of steel reinforcing bars [REBAR] in construction provides contractors, developers and end users with an environmentally friendly building material.

MANY ALREADY KNOW THAT STEEL REINFORCING BAR, more commonly known as rebar, serves as the unseen support structure for countless number of our country's construction projects. From high-rise office buildings to bridges to interstate highways, rebar is an integral component in concrete structures—providing strength, flexibility and durability. Increasingly, however, rebar is becoming known as one of the more 'green' materials in use today. Rebar lays claim to this title because the vast majority of rebar is produced from recycled metal, and, rebar itself is completely recyclable.

At CMC Steel we have four mini-mills involved in the production of rebar —providing domestic customers with nearly 1 million tons of this versatile building material. The feedstock for our rebar is composed of of nearly 100% recycled steel products. This scrap comes from a variety of sources with our own recycling plants providing a minimum of one-third of the feedstock. The end products produced by the mills are completely recyclable and have post-consumer recycled content of greater than 98%.

Commercial Metals Company

THE LIFECYCLE OF REBAR

STAGE 1

Scrap is collected and processed at over 50 CMC locations throughout the United States.

STAGE 3

CMC manufactures nearly 1 million tons of rebar — 98% of the feedstock for rebar is recycled ferrous scrap.

STAGE 2

Rebar is highly recyclable — The Steel Institute estimates that 65% of reinforcing bars are recycled.

THE STRAIGHT FACTS

- CMC Steel ships nearly 1 million tons of rebar annually, using over 900,000 tons of recycled metal in the process.
- More steel is recycled annually than any other materials. CMC recycles 3.8 million tons of steel each year.
- Virtually all hazardous waste once generated by the steel industry is now being recycled for recovery for beneficial use.
- CMC's use of steel scrap keeps millions of tons of ferrous scrap from landfills and from littering the countryside.

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