



**CSM Metal Deck**  
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### **Technical Bulletin – LEED Recycled Content (MR Credit 4)**

One aspect of the LEED rating system is the Recycled Content of Materials and Resources. The American steel industry is the cleanest and most energy efficient of the leading steel industries in the world. This is due to the high percentage of steel made from recycling scrap to make new steel, and the use of domestically-sourced iron ore pellets, as well as the increasing use of natural gas in place of coal and coke to make iron and steel with lower emissions.

CSM Products purchases Hot Dipped Galvanized Steel and Cold Rolled Annealed Steel coil used in the manufacturing of metal deck. We source from several steel mills including Nucor, Big River Steel (US Steel), and AM/NS Calvert, which utilize Blast Oxygen Furnace (BOF). Per the American Iron and Steel Institute (source: [www.aisc.org/sustainability](http://www.aisc.org/sustainability)), the total recycled content is approximately 28% - including 22% post-consumer and approximately 6% pre-consumer.

Upon request steel can be sourced from electric arc furnace (EAF) which has a total recycled content of approximately 82% - including 46% post-consumer and approximately 31% pre-consumer. This must be requested at the time of quote and could have longer lead times.