



Natural Gas Supply Steelmaking's overall energy usage has decreased by 66% since 1980.

Section Rolling

60% of steel

steel's high-strength-to-weight ratio.

Structural steel's material strength

has increased 40% since 1990 from

36 ksi to 50 ksi, further increasing

Fabrication

Steel fabrication is the manufacturing process for projectspecific structural steel and accounts for 40% of the cost and 70% of the labor associated with the finished product. Fabrication facilities are located throughout the U.S. within 500 miles of any project location.



Building Design

Building design and structural steel fabrication are closely integrated through the use of Building Information Modeling (BIM) and collaborative design processes resulting in materials being used more efficiently, fewer field changes and a reduced environmental impact.

Careful design and detailing can avoid the challenges presented by issues such as thermal bridging.



www.aisc.org/sustainability



Sustainability has become a major factor in the construction market. The domestic structural steel industry has been lowering **OTHERS WALK THE WALK THE WALK.** structural steel industry has been loweri emissions, increasing the use of recycled materials, optimizing energy consumpti-and improving the performance of our products for decades. emissions, increasing the use of recycled materials, optimizing energy consumption



There's always a sustainable solution in steel.

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This brochure is printed on recycled stock with soy based ink.

Sustainable Structural Steel



