



John Meece
Manager – Quality Assurance
(419)822-2488
John.Meece@nsbsl.com

January 21, 2025

*North Star BlueScope Steel – Sheet Products
Recycled Content of North Star BlueScope Steel Sheet Products*

North Star BlueScope Steel, LLC operates a steel mill near Delta, OH USA, to manufacture steel sheet product hot rolled bands.

The mill recycles iron-based scrap metal in AC electric arc furnaces. The scrap metal is procured from domestic sources. Scrap metal and virgin iron units (pig iron, HBI, or DRI) make up the furnaces' melting charge. The scrap metal used to manufacture hot-rolled steel bands is purchased domestically. Still, the original source is not always ascertainable, and the melt certification for the origin is not possible. The nearest harvest extraction point is BlueScope Recycling and Materials, Delta, Ohio.

The typical post-consumer content of the recycled scrap metal used to manufacture hot-rolled steel bands is between 30-40%. The pre-consumer content is between 30-40%. North Star BlueScope Steel LLC home scrap, which is scrap generated during the manufacturing process and consumed onsite, constitutes 2-5%, and virgin iron units at 20-25% constitute the remaining iron requirements. The total scrap content will always exceed 75% with the various combinations of scrap.

For US Green Building Council (USGBC) LEED, NC 2.2, MR credits 4.1, 4.2, 5.1, and 5.2; North Star BlueScope Steel LLC hot rolled steel bands contain between 50-60% recycled content, of which >95% of this figure is purchased from dealers within 500 miles of this facility or originates at this facility. The recycled content percentage was calculated using the LEED formula:

Recycled Content = (% post-consumer + ½% pre-consumer)

Hot Rolled Steel Bands supplied by North Star BlueScope Steel LLC are 100% melted and manufactured in the USA. If you have any questions, please contact us.

Sincerely,
John Meece