



LEED v3 Material Resources (MR) MR Credit 4 Recycled Content for ASC Steel Deck

Applicable Credits:

ASC Steel Deck purchases Hot Dipped Galvanized Steel and Cold Rolled Annealed Steel for use in our roll-forming process. We purchase these coils from several suppliers. The finished coils we purchase are then sent to one of our two facilities (West Sacramento, CA or Fontana, CA) where they are roll-formed into finished goods.

Our standard material comes from suppliers that use a basic oxygen furnace (BOF) process with a typical recycled content of 25% to 35%. Assume a post-consumer recycled content of 19.8% and a pre-consumer recycled content of 14.4%. These numbers are based on the latest statistics of the Steel Recycling Institute and are considered acceptable documentation by the USGBC LEED rating system and green codes and standards. For more detailed information, please visit the Steel Recycling Institute's website at www.recycle-steel.org.

Upon your request, ASC Steel Deck can purchase steel with a higher recycled content that is made in an Electric Arc Furnace (EAF). Steel purchased by ASC Steel Deck made in an EAF contains an average total recycled content of 70% (30- 40% post-consumer and 20-35% pre-consumer). This steel will have a longer lead-time than our standard material. Lead-time for high recycled steel could be as long as 12 weeks from purchase order acceptance.

Please note that sheet steel supplied from mills located in the Western U.S. does not meet the 500 mile requirement for extracting or harvesting of raw materials. In fact, there are no mining operations in the Western U.S. nor are there any steel melting/scrap recycling facilities capable of making sheet steel west of St. Louis, Missouri.