



ART METAL PRODUCTS

GREENGUARD CERTIFIED

AMP - Art Metal Products is committed to minimizing the environmental impact of our products and protecting indoor air quality.

AMP - Art Metal Products is officially Greenguard - Indoor Air Quality Certified.

-**Greenguard** is an indoor air quality certification program for low emitting products and materials that evaluate over 75,000 chemicals, including volatile organic compounds, carcinogens and reproductive toxins.

-**Greenguard** certification is referenced in both the Collaborative for High Performance Schools (CHPS) and the Leadership for Energy and Environment Design (LEED) Building Rating System.

-**Greenguard** Children & Schools Certification establishes strict chemical emission standards for products intended for use in environments where children and others work, play or reside.

Greenguard Emission Criteria - Children & Schools Program:

Individual VOCs	≤ 1/100 TLV and ≤ CA chronic REL
Formaldehyde	≤ 0.0135 ppm/13.5 ppb
Total VOCs	≤ 0.22 mg/m ³
Total Aldehydes	≤ 0.043 ppm/43 ppb
Total Phthalates	≤ 0.01 mg/m ³
Total Particles (≤10µm)	≤ 0.02 mg/m ³





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SUSTAINABILITY

AMP - Art Metal Products is committed to becoming a sustainable company.

Here are some ways where the company has demonstrated their commitment:

- We are proud to say that 100% of our products are painted with powder, rather than liquid. Powder paint does not require any solvents when changing colors nor does it require filters, which both create a hazardous waste. Powder paint contains no Volatile Organic Compounds, which when emitted may be harmful to humans and the environment.
- Art Metal Products upgraded the lighting in all owned facilities, which includes offices, warehouses, and also factories. The company changed to high efficiency ballasts and bulbs with highly reflective housings. Specifically, T-4, T-6, and T-8 bulbs were used. Not only were the bulbs changed in our factory and offices in Deerfield Beach, FL, but also in our distribution centers in Apopka, Plymouth, and Memphis.
- A different chemical is used when applying the conversion coating. Instead of using iron phosphate which requires heating of the concentration before application, Bonderite NT-1 is used. This chemical does not require heat, ultimately saving energy costs because we are not burning gas to heat the water.
- AMP - Art Metal Products buys the majority of their steel from Nucor, a steel company that uses 70% recycled steel content to make their steel. Nucor also uses Electric Arc Furnace Technology which has 67% less carbon equivalent emissions than from the conventional way of making steel from iron ore.
- There are recycling bins taken up each week for paper, aluminum and plastics.
- Our materials are lead and chrome FREE.



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LEED - Leadership in Energy and Environmental Design

The following is information gathered to help architects and designers figure out how many possible LEED points our products could contribute. The information on this page was taken from the USGBC's rating system LEED 2009 *For Schools New Construction and Major Renovations*.

Materials and Resources

MR Credit 4: Recycled Content (1-2 points)

Art Metal Products buys most of their steel direct from the mill. The steel bought is made up of 50.4% post-consumer recycled content and 10.3% post-industrial/pre-consumer.

MR Credit 5: Regional Materials (1-2 points)

Art Metal Products has their manufacturing facility located in Deerfield Beach, FL. However, products are shipped to six Distribution Centers located across the country where they are stored and/or assembled. Those locations are: Redlands, CA, Carrollton, TX, Dayton, OH, Memphis, TN, Mechanicsburg, PA, and Apopka, FL.

MR Credit 7: Certified Wood (1 point)

Art Metal Products has wood lockers available that are FSC (Forest Stewardship Council) Certified.

Innovation in Design

ID Credit 1: Innovation in Design (1-4 points)

Path 1. Innovation in Design

Art Metal Products being Greenguard Children and Schools Certified could be a possible contribution to *Innovation in Design* if many of the other products going into the building are Greenguard Children and Schools Certified as well.

