

## SUSTAINABILITY FACT SHEET

### Golden Aluminum

- Golden Aluminum begins the process of producing their aluminum coil sheets with used beverage containers (UBC).
- In 2009, Golden Aluminum consumed 6,727,487 pounds of UBC that is the equivalent of recycling 141,277,227 aluminum cans.
- Golden Aluminum's 5017 alloy is made up of more than 90% recycled aluminum.
- 35% of all pallets that are used by Golden Aluminum are recycled for reuse or are turned into mulch for landscaping.
- The cores used by Golden Aluminum are made of 100% recycled material.
- Golden Aluminum is the only aluminum facility that successfully supplies the food and beverage can industry using the Golden Block Caster. This technology is energy efficient with greater flexibility than the standard aluminum industry sheet technology.
- Golden Aluminum's mini-mill called the Golden Block Caster is the most energy efficient in the industry.
- Leftover gases from the de-lacquering process are incinerated to eliminate pollution, and surplus heat from that process is returned to the kiln, because Golden Aluminum doesn't believe in waste.

### Aluminum Industry

- Aluminum produced from scrap uses only 5% of the energy that producing aluminum from ore does.
- About \$1 billion a year is earned by Americans recycling aluminum cans.
- More than a third of all the aluminum currently produced globally originates from old, traded and new scrap, a trend which is on the increase.
- An aluminum beverage can, once recycled, can be back on the store shelf in as little as 60 days.
- Using recycled material for new aluminum beverage cans uses 95% less energy and produces 95% less greenhouse gas emissions than making a can from new materials.
- Every year, Americans throw away over \$2 billion worth of energy by not recycling cans.
- Recycling 40 aluminum beverage cans saves the energy equivalent of one gallon of gasoline.
- If every American recycled one additional beverage can this year, we would save the equivalent of over 7 million gallons of gas.
- 95% of aluminum in buildings is recycled.
- Nearly three-quarters of all aluminum ever made remains in use today.
- The aluminum can today is the most recycled of any beverage container.
- The average post-consumer recycled content of the typical aluminum can is approximately 50%--the highest recycled content of any beverage container.
- 54.2% of aluminum UBC in the U.S. is recycled - the highest rate since 2001.
- On average, each pound of aluminum replacing two pounds of iron or steel in a passenger vehicle can save a net 20 pounds of CO2 emissions over the typical lifecycle of a vehicle.
- Recycling aluminum saves nearly 95% of the green house gas emissions associated with primary aluminum production, and only requires about 5% of the energy.

*Aluminum industry facts provided by The Aluminum Association.*