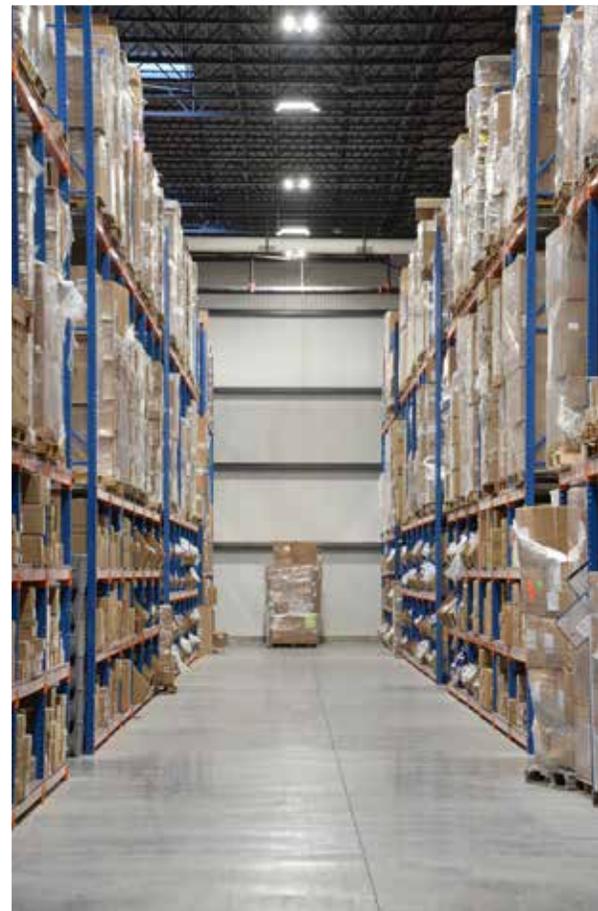




CASE STUDY
SKS BOTTLE AND PACKAGING INC.





SKS BOTTLE
AND PACKAGING
SARATOGA
SPRINGS, NY





To break up boxy forms on SKS Bottle and Packaging's 140,000 square foot office, warehouse, and screen mechanical systems on the roof, Paone Architecture PC designed it with insulated metal panels (IMPs) that exceed the eave lines and create a parapet of varying heights. In some places, the IMPs are 35 feet high; in others, they are stepped down to 32 feet high. Offices, corners and upper corners of the warehouse area are highlighted by glass with overhangs above and below the windows to enhance aesthetics.

On the overhangs, Munter Enterprises Inc., general contractor and installer for the project, installed MBCI's Artisan L12 metal soffit panels, which are beaded to reduce the chance of oil canning. Water drains from the building's 31-foot-high flat roof in an internal gutter system.

On offices in front of the building, Munter Enterprises installed Metl-Span's 3-inch thick CF-42 IMPs with a 24-gauge Galvalume exterior in Charcoal Gray with a Santa Fe finish. The remainder of the CF-42 IMPs have a 26-gauge Galvalume exterior in Tundra with a Light Mesa finish and interior of 26-gauge Galvalume in Igloo White with a Light Mesa finish.

SKS Bottle and Packaging is a supplier, consultant and designer of plastic bottles and jars, glass bottles and jars, metal containers and closures for packaging.

Todd Coffin, project coordinator at Munter Enterprises, says, "It was an aggressive 268 days from building permit to certificate of completion. The land was cleared in the fall, foundations started in November into December, followed by steel erection in a bitter cold January. Other than a couple key open wall areas for access of equipment, cement trucks and management of materials into the building, we had the building essentially enclosed by May."

**GOING GREEN IS EASIER WITH
METAL BUILDING SYSTEMS FROM AMERICAN BUILDINGS**

As an ISO 14001 certified manufacturer, American is dedicated to protecting our environment and reducing waste. All four American divisions have achieved accreditation under the International Accreditation Service (IAS) AC472 Inspection Program for Manufacturers of Metal Building Systems. Every American teammate is responsible for environmental protection, and we also require contractors, vendors and suppliers to comply with applicable environmental laws.

Metal building systems are the poster child for sustainability and “green,” as steel is the most recycled material on the planet. Nucor typically recycles 22 million tons of scrap annually, including 9 million cars. Recycled steel reduces mining waste by 97%, air pollution by 86% and water pollution by 76%. Producing steel through recycling also uses significantly less energy than conventional steel making. In fact, the energy Nucor saves through recycling compared to conventional steel production is enough to power Los Angeles for 8 years. The typical American building is manufactured from at least 70% recycled steel. To top that, at the end of its useful life, 100% of an American building can be recycled into a variety of steel products, including new cars, appliances, buildings and bridges.

American Buildings was the first metal building manufacturer in North America to switch to 100% “cool” paint systems as standard, with no up-charge, for all roof and wall panels. This environmentally friendly cool technology was originally developed for stealth aircraft in the U.S. Military. These coatings help generate lower environmental temperatures, reducing smog and the heat island effect. What’s more, they help reduce cooling costs in hot summer months.

