



CASE STUDY
B & D DAIRY FARMS







B & D Dairy Farms of Pound, Wisconsin has a new rotary milking parlor to add to their extensive dairy farm, thanks to Keller Inc., an American Buildings Authorized Builder. The new parlor enhances the speed of the milking process for the large herd of cattle, as well as gives the employees extended office space and a new mechanical room.

Keller provided a traditional center-ridged roof slope with a clear span framing system, giving the farm unsurpassed flexibility in use of the 11,448-square-foot of interior space. The exterior of the building features split face block walls with a reflective white Long Span III roof panels.

The American's Long Span III panel profile was recommended by Keller and chosen for its cost efficiency and ease of installment. The roof panels have 1-1/4 inch ribs on 12 inch centers for an even-shadowed appearance and are reinforced between the ribs for added strength. In addition, these panels are PVDF "cool" coated to reflect solar rays more effectively and reduce the amount of heat that is absorbed into the respective building, saving heating and cooling costs.

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.

