

innovate

sustain

Benefits of recycled steel

Steel is the most recycled material in North America:

- Every ton of steel that is recycled saves 2,500 pounds of iron ore, 1,400 pounds of coal, and 120 pounds of limestone
- New steel made with recycled material uses as little as 26% of the amount of energy that would be required to make steel from raw materials extracted from nature
- According to the Steel Recycling Institute, on average, the total recycled content of steel is 25 to 30%

Durability and low maintenance

DECRA products are durable and require little to no lifetime maintenance. All profiles are made from steel, a Class "A" fire rated material, have a Class 4 impact resistance to UL 2218 and a 50-year limited warranty with a 120-mph wind warranty.

Environmentally managing existing roofing materials

St. Anthony's Retreat Center in Marathon, Wisconsin was built in 1919. The building had a failing fiber cement asbestos roof. The removal, handling and dumping are a hazard to people and the environment.

Weighing in at 350-400 lbs per square, the fiber cement shingles were heavy. Any additional weight added to the roof structure had to be minimal. DECRA Shingle was chosen for the project. Weighing only 125 lbs per square, the added weight of the product was minimal and did not compromise the roof structure. The existing asbestos roof was encapsulated and the material diverted from the local landfill. The metal shingle completely encapsulated the failing asbestos shingles, and was considered an acceptable solution by the EPA. Although not required, an ice and water shield was applied over the old shingles for the added safety of the installers. Screws were used to secure the stone coated steel roof panels to the deck through the shingles.

evolve

impact



“Metal roofing’s durability can virtually eliminate the need to use future raw materials to produce roofing... Metal is the product of choice for sustainability.”

— *Metal Construction Association*

Preserving our drinking water

DECRA products work well in conjunction with rain-catch systems. The drinking water quality of rainwater in contact with DECRA products was tested by a third-party laboratory. The run-off water meets World Health Organization (WHO) physical and chemical criteria for drinking water quality; the run-off would be odorless, tasteless and colorless with an extremely low turbidity.

For more information and test results, please visit our web site www.decra.com.

