

WHITE GREEN



*Protect
Your Roof.*

*Reduce
Your Costs.*

*Preserve
Your
Environment.*



**Commercial & Industrial
Roofing Services**



**Sentry Roofing & Duro-Last the Ultimate Combination
for Long-Term Proven Performance.**

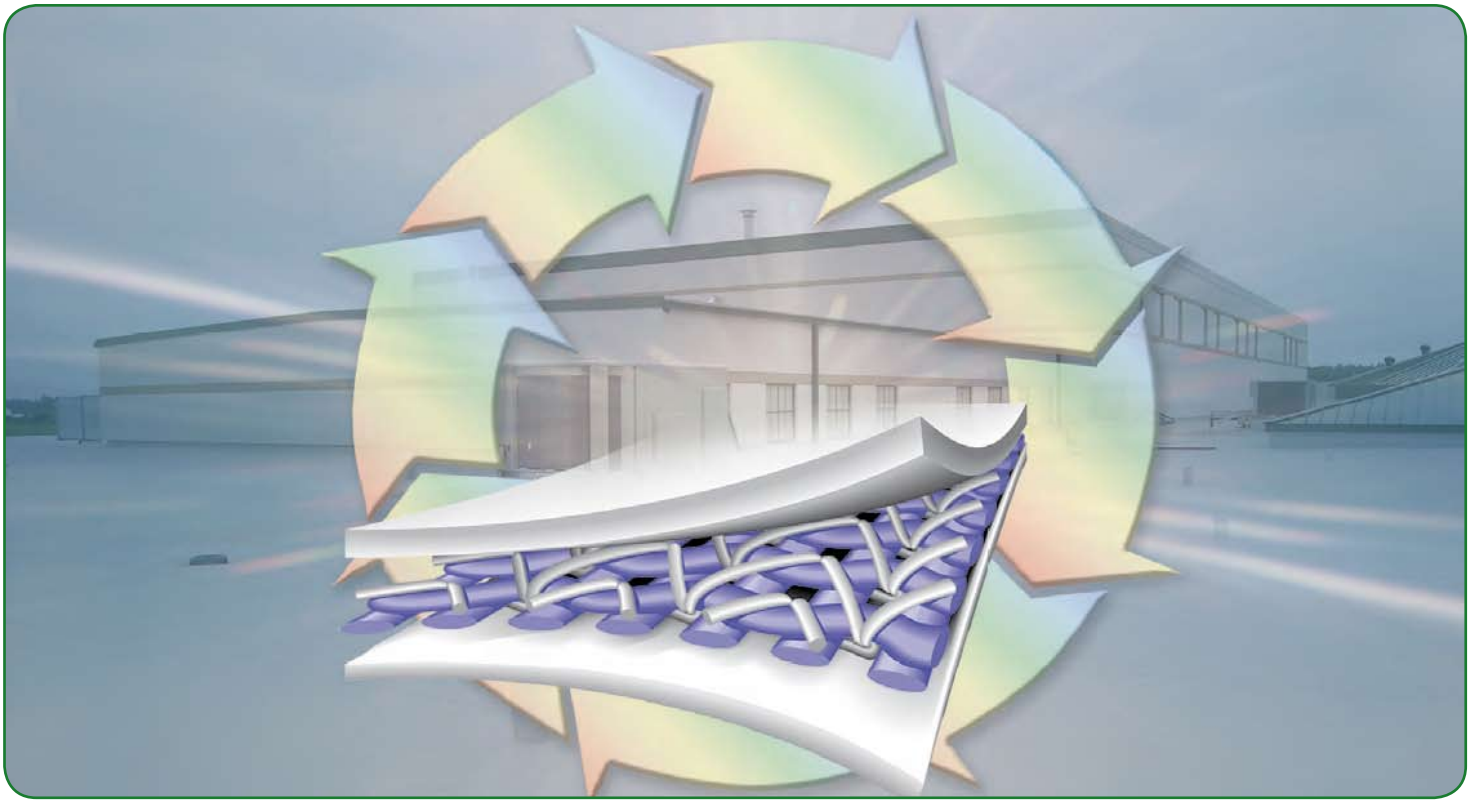


Green, as in environmental responsibility

The Sentry installed Duro-Last Cool Zone roofing system has an excellent environmental reputation. From lowering a building's energy consumption to helping facilities obtain LEED® credits to reducing the urban heat island effect, the Cool Zone system is a leading sustainable building product.

- ◆ Duro-Last's tightly-controlled manufacturing process ensures that scrap generated during the manufacturing process is recycled back into roofing membrane or other construction materials. In fact, Duro-Last recycles scrap from numerous companies, encouraging them to join us as environmental stewards. Plus, Duro-Last has implemented a roof recycling program for PVC membranes that are at the end of their useful roofing lives. This keeps waste out of landfills and reduces the need for virgin feedstock used in a number of construction products – including new roofing membranes.
- ◆ A growing emphasis on reducing a building's carbon "footprint" is creating emerging carbon trading markets. A reduction in energy consumption provided by the Cool Zone membrane may provide economic benefits for building owners in this new arena.
- ◆ **The term "sustainability" implies long-term performance, and many Sentry installed Duro-Last roofs have been performing effectively for more than 22 years.** The Cool Zone roofing membrane is resistant to chemicals, fire, and high winds, and this proven durability means that a Cool Zone roof will last longer in harsh environments than many other systems.
- ◆ PVC, which is among the most studied building materials, is as environmentally friendly as other building products, according to the US Green Building Council, and may be better than some materials that have been less scrutinized.
- ◆ **The Cool Zone membrane is lightweight, so Sentry Roofing can often install it over existing roofing systems, eliminating costly and landfilling tear-offs.** It also requires less fuel to transport to the job site than other, heavier materials.

Sentry Roofing & Duro-Last for Long-Term Proven Performance!



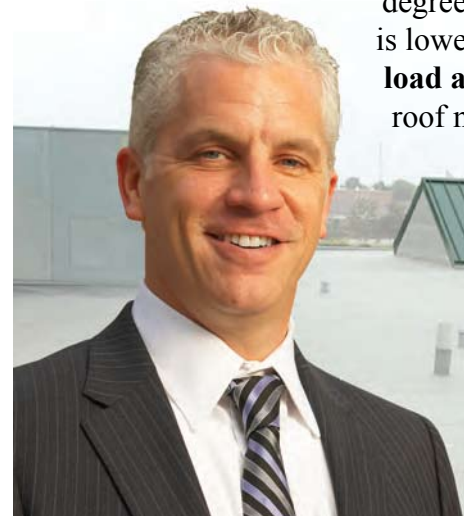
Green, as in money you save by reducing your roofing system's life-cycle costs

Energy costs continue to escalate with no end in sight, and this trend is largely responsible for driving a significant market shift toward energy-efficient roofing systems.

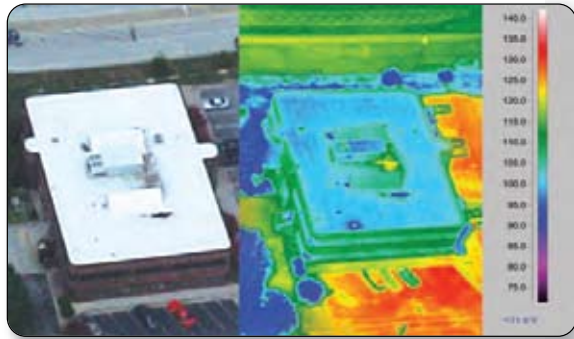
- ◆ Cool roofs are effective in virtually all climates. Building owners in some areas have seen a **40% reduction in energy consumption during peak times** of the year after installing reflective roofing systems.
- ◆ In non-conditioned space, reflective roofing can reduce workspace heat, improving working conditions and increasing employee productivity.
- ◆ A Sentry Roofing installed Cool Zone membrane roof reflects damaging ultraviolet and infrared rays of the sun that are absorbed by other systems. Penetrating UV and IR rays can degrade the effectiveness of insulation and other building components — often leading to higher operating and maintenance costs.
- ◆ When placed on rooftops with reflective membranes, HVAC units have a smaller “degree difference” of the air they need to cool because the ambient temperature is lower than on dark-colored roof surfaces. **This decreases the cooling load as well as unit wear and corresponding maintenance costs.** A Cool Zone roof may also enable the use of smaller, lower-cost HVAC units.

Call Sentry Roofing to learn more:

1-800-446-2133



More Reflectivity



On hot summer days, the temperature on dark surfaces – including asphalt parking lots and roofs – can reach 180 degrees or higher, straining HVAC units and increasing energy use. The highly-reflective Duro-Last Cool Zone membrane can dramatically reduce roof surface temperatures, lowering cooling costs and keeping non-conditioned space more comfortable and productive for workers. A Cool Zone roof also helps lessen the urban heat island effect.

More Recyclability



PVC is inherently recyclable – perhaps more so than any other building material. PVC roof recycling is well-established in Europe, and growing in the United States. Duro-Last's program enables contractors to return "used" roofing systems for recycling into commercial flooring and other construction materials by Duro-Last sister company, Oscoda Plastics®, Inc. In recent years, Oscoda Plastics has annually recycled over 6,000 tons of roof membrane and post-consumer PVC scrap.

More Safety



During the last 35 years, multiple scientific studies have confirmed that vinyl production and handling in the United States is very safe, and that finished vinyl products, including PVC membranes, pose no risk to human health. Among other environmental applications, landfill liners made from PVC help prevent contaminants from leaching into groundwater. When considering building sustainability, PVC roofing systems have a decidedly positive impact on the environment.

More Options



The growing awareness of building sustainability issues in recent years has driven an interest in rooftop garden, solar, and paver systems. The precision-fabricated Cool Zone system is the ideal roofing membrane to install first, whether these systems are mounted on or applied to the roof surface. Duro-Last has developed solutions to address these new applications, including a specification and warranty for "covered roof" assemblies.