



☞ We make sustainable attainable. ☞



*A Renaissance in Roofing*

# DaVinci Roofscapes... Sustainable



## Sustainable start to finish.

At DaVinci Roofscapes® we compound, mold and finish lightweight tiles in our own Kansas City, Kansas facility to save energy and transportation costs—then utilize the energy we do consume to help heat the plant in cooler months. We use 100% pure virgin resins in our roof tiles to guarantee a sustainable product. Any materials that fail to meet finished specs are recycled for use in our starter tiles. And of course, every DaVinci tile is *100% recyclable*.

We also understand that endurance and low life cycle cost are the keys to sustainable design. Roofs needing frequent maintenance and replacement after only 15-20 years consume valuable energy and resources from manufacturing through removal and disposal, and they increase landfill problems. DaVinci slate and shake roofs are virtually maintenance-free and backed by a *50-year warranty*.

style the world can look up to. 

### Safety from the ground up.

True sustainability demands manufacturing processes that protect the planet. That's why we manufacture DaVinci tiles with two different types of ThermoPlastic Olefin (TPO), organic fire retardant, proprietary color and UV stabilizers and inorganic pigments that are *safe for the environment*.

The safety story doesn't end there. Once installed, DaVinci products create a formidable shield of protection against the natural elements that can wreak havoc with roofs and insurance premiums. Our shake and slate synthetic tiles *resist fire, high wind and high impact*.



### Tops wood, slate and asphalt.

Every time someone chooses a DaVinci roof over wood shakes, trees are saved—often “young growth” cedars that are difficult to harvest, produce low-quality shingles and further deplete our limited resources. DaVinci Shakes also offer a *Class A fire rating*.

Natural slate roofs present other problems. The quarrying process consumes large amounts of labor and fuel and can be harmful to the local ecosystem. Up to 15% of natural slate tiles also crack or break up during installation so waste is significant. Because DaVinci tiles weigh one-third as much as natural slate of comparable thickness, *transportation energy costs and carbon emissions are lower*.

Asphalt roof shingles require much more oil to produce than DaVinci products. The petroleum content in our products is a by-product of gasoline refinement—one that in the past was simply burned off. And compared to an asphalt roof that has to be replaced two to three times as often, DaVinci roofs *contribute less to landfills and use less of the earth's resources*.



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# DaVinci products contribute to the LEED® certification process.

DaVinci Slate and Shake synthetic roof tiles can make a valuable contribution to the Leadership in Energy and Environmental Design (LEED) Certification Process (LEED-NC Standard 2.2), which encourages and accelerates global adoption of sustainable building and development practices. Here's how.

Heat Island Effect • Water Efficiency • Construction Waste Management  
Resources Re-Use • Regional Materials

## DaVinci EcoBlend™ cool roof tiles.

DaVinci EcoBlend cool colors can be ordered for any DaVinci Roofscapes product and can help property owners save on energy costs, improve the comfort of the structure and mitigate global warming. Meeting the initial qualifications for a Cool Roof indicates that DaVinci EcoBlend products meet or exceed initial ENERGY STAR® program requirements for 25 percent solar reflectivity and qualify for LEED-NC 7.2 Heat Island Effect. Final ENERGY STAR approval will be awarded to DaVinci EcoBlends after a mandatory three-year weathering/testing period.

For a list of DaVinci EcoBlend cool colors, visit [davinciroofscapes.com](http://davinciroofscapes.com).

## 100% Recyclable.

Scraps and cuttings from a project may be returned to our plant for recycling, as well as, the tiles after the life expectancy (50 years) of the roof. The tiles will be recycled keeping waste from the landfill. DaVinci will make arrangements and pay shipping for projects within 500 miles of plant.



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[davinciroofscapes.com](http://davinciroofscapes.com)

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