



LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN

Building codes are changing across the country, from Massachusetts to California, mandating greater energy efficiency and sustainability. The US Green Building Council's Leadership in Energy and Environmental Design (LEED) is setting the pace.

Points may vary based on the location, type of building, colors and products used. The following list represents the current areas where Boral Roofing products can help your project achieve LEED credits:

Reducing the Heat Island Effect

Reduce heat island to minimize impact on microclimate and human and wildlife habitat.

Boral Roofing offers an extensive range of vibrant colors and styles listed by the Cool Roof Rating Council (CRRC) with a Solar Reflectance Index (SRI) value equal to or greater than 29 for any LEED project. For a complete list of Boral Roofing products that qualify for these credits, visit the CRRC website at www.coolroof.org.

Related LEED Credits

- LEED Building Design and Construction SS 7.2
- LEED for Schools SS 7.2
- LEED for Neighborhoods GIB 9

Optimize Your Energy Performance

Achieve increased levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impact associated with excessive energy use.

Boral Roofing's Cool Roof colors, Boral™ Cool Roof Systems and industry leading emissivity all contribute to increasing the base line energy calculations for buildings, optimizing the building's energy performance.

Related LEED Credits

- LEED for Homes EA 1
- LEED Building Design and Construction EA 1
- LEED for Schools EA 1
- LEED for Neighborhoods GIB 2

Innovation in Design

The USGBC has recognized the sustainable value of products that are certified as Cradle to Cradle® by awarding a special Design in Innovation point for projects that use Cradle to Cradle certified products.

Select Boral Roofing clay tiles are Cradle to Cradle® certified and are the only roof tile products in the world to be awarded this designation. LEED has recognized Cradle to Cradle® products with available credit interpretation rulings.

Related LEED Credits

- LEED for Homes ID 3
- LEED Building Design and Construction ID 1
- LEED for Schools ID 1
- LEED for Neighborhoods IDP 1

Regional Materials

Use of building materials and products that are extracted and manufactured within the region, supporting the use of indigenous resources and reducing the environmental impact resulting from transportation.

Boral Roofing operates 12 plants nationwide that manufacture roof tiles using locally harvested raw materials. (Regional footprint maps from Boral Roofing available upon request.)

Related LEED Credits

- LEED Building Design and Construction MR 5
- LEED for Schools MR 5

¹U. S. Environmental Protection Agency Vehicle Program Tier 2 Standard; Daylight hours based on Los Angeles, California; Laboratory air-purification performance testing per ISO 22197-1: 2007; results may vary depending on geographic location, weather and other factors including, but not limited to Nitrogen Oxide concentration in the air.

²LEED credit interpretation ruling has not yet been submitted to confirm if this innovation would classify for a point under the existing LEED structure.

Durability

Promote durability and high performance of the building envelope through appropriate design, materials selection, and construction practices.

Boral Roofing tiles have a long life-cycle and durability, and are covered by limited warranties. For complete warranty details on all Boral Roofing products, go to www.BoralRoof.com.

All Boral Roofing underlayments are backed by the applicable manufacturer's limited warranty.

Wakaflex® flashing materials have a history of successful performance in the field for more than 20 years throughout the world.

Boral Roofing's patented Elevated Batten System® roof battens are a key component to making a tile roof last longer. By elevating the battens off of the roof deck, any moisture that gets under the tiles is allowed to flow down and off the roof, preventing leaks into the building.

Related LEED Credits

LEED for Homes ID 2

Reuse, Reduce and Recycle

LEED incentivizes responsible building by promoting the reuse of any available materials and diverting waste from landfills through recycling.

Boral Roofing tile products are durable and easily reusable in any project, including old construction renovations.

Our tiles are 100% recyclable and can be recycled on site as road base or fill, diverting waste from landfills.

Related LEED Credits

LEED for Homes MR 3
LEED Building Design and Construction MR Prereq MR 1 MR 2
LEED for Schools MR Prereq MR 1 MR 2
LEED for Neighborhoods GIB 5 GIB 16

Recycled Content

Building products that incorporate recycled content materials to decrease impact associated with extracting and processing virgin materials.

Select concrete tile products across the country use locally harvested raw materials, mining operations waste products, blast furnace slag and fly ash with pre-consumer recycled content up to 40%.

All of our domestically produced clay tile products have a pre-consumer recycled content up to 59%.

Boral Roofing's patented Elevated Batten System® battens are certified by the Sustainable Forestry Initiative® (SFI®) as being made from responsible sources. Their polyethylene plastic pads are 100% post-consumer recycled material, and the Elevated Batten System® battens are treated to help prevent mold and mildew.

Related LEED Credits

LEED for Homes MR 2
LEED Building Design and Construction MR 4
LEED for Schools MR 4



Download a QR Code reader app for your smartphone, then take a photo to visit our website at www.BoralRoof.com

