

Product Execution of LEED™ Version 4 Goals

TRUEGRID Pavers, used in the following ways, may contribute to LEED™ Certification.

Minimum Project Requirements

- MPR 1: Must Comply with Environmental Laws – TRUEGRID PRO LITE and TRUEGRID PRO PLUS can help each site comply with NPDES Phase II, an Environmental Law addressing the reduction of NPS Pollution in Stormwater among other things.

Sustainable Site

Credit 5.1: Site Development – Protect or Restore

- Case 1:
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS with permeable cover extends the boundary of site disturbance from 10 feet to 25 feet, allowing for more room to work during construction.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS anywhere on site would not classify as site disturbance. Great for use as walkway or construction entrances (temporary or permanent)
- Case 2:
 - Installing TRUEGRID PRO LITE and TRUEGRID PRO PLUS in areas previously developed with asphalt or concrete and seeding over these areas with native plants, would contribute to the percent of area restored.
 - If the site were earning SS Credit 2: Development Density and Community Connectivity, using TRUEGRID PRO LITE and TRUEGRID PRO PLUS in a vegetated roof seeded with native plants would contribute to the percent of area restored.

Credit 5.2: Site Development – Maximize Open

- For All 3 Cases:
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS will increase the vegetated open space necessary to achieve this credit
 - If a site also earns SS Credit 2, use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS on a vegetated roof will count toward the vegetated area requirement of this credit.

Credit 6.1: Stormwater Design – Quantity Control

- All Cases:
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS minimizes impervious surfaces and increases infiltration.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS when installed with an impermeable liner and a clean uniform open grade stone base, allows for short or long-term underground water storage for non-potable uses.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS when installed with a non-woven geotextile, increases infiltration and groundwater recharge.

- TRUEGRID PRO LITE and TRUEGRID PRO PLUS on a vegetated roof will minimize impervious surface area.
- Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS will protect stream channel from excessive erosion.

Credit 6.2: Stormwater Design – Quality Control

- All Cases
 - Use of TRUEGRID ECO, TRUEGRID PRO, and, TRUEGRID PRO PLUS minimizes impervious surfaces increasing infiltration, and reducing pollutant loads.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable uses.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS when installed with a non-woven geotextile, increases infiltration and groundwater recharge.
 - TRUEGRID PRO LITE and TRUEGRID PRO PLUS on a vegetated roof will minimize impervious surface area.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS can be used in vegetated swales to reduce imperviousness and promote infiltration and thereby reduce pollutant load.

Credit 7.1: Heat Island Effect

- Option 1:
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS will qualify as “open grid pavements system” and can be computed toward area calculation.
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS will qualify when filled with gravel material with an SRI of at least 29.
- Option 2:
 - TRUEGRID PRO LITE and TRUEGRID PRO PLUS can be used on a vegetated roof to cover a parking area to reduce heat absorption.

Credit 7.2: Heat Island Effect – Roof

- Option 2 and 3:
 - TRUEGRID PRO LITE and TRUEGRID PRO PLUS can be used on a vegetated roof to reduce heat absorption.

Water Efficiency

Prerequisite 1: Water Use Reduction

- Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable water sewage conveyance.

Credit 1: Water Efficient Landscaping

- For Both Options: Option 1. Reduce by 50% (2 Points) or Option 2. No Potable Water Use or Irrigation (4 Points)
 - Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS, when installed with an impermeable liner, allows for short or long-term underground water storage for irrigation use.

Credit 2: Innovative Wastewater Technologies

- Option 1:

- Use TRUEGRID PRO LITE and TRUEGRID PRO PLUS, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable water sewage conveyance.

Credit 3: Water Use Reduction

- Use of TRUEGRID PRO LITE and TRUEGRID PRO PLUS, when installed with an impermeable liner, allows for short or long-term underground water storage for non-potable water sewage conveyance.

Materials and Resources**Credit 4: Recycled Content**

- TRUEGRID PRO LITE and TRUEGRID PRO PLUS counts as 100% POST-consumer Recycled Material.

Credit 5: Regional Materials

- All products: TRUEGRID PRO LITE and TRUEGRID PRO PLUS can qualify as long as the project is within 500 miles of Houston, TX.