



## OVERVIEW: LEED® Certification

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The U.S. Green Building Council (USGBC) is committed to a sustainable, prosperous future through LEED®, the leading program for green buildings and communities worldwide. USGBC’s vision is that buildings and communities will regenerate and sustain the health and vitality of all life within a generation. USGBC’s mission is to transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life.

LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. Therefore, products that meet the LEED performance criteria can only contribute toward earning points needed for LEED certification; they cannot earn points individually toward LEED certification.

For detailed information about the council, their principles and programs, please visit [www.usgbc.org](http://www.usgbc.org).

## LEED® V4: Extruded Aluminum Contributions

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In LEED® V4, the Materials & Resources category focuses on holistic decision making through life cycle thinking. The category includes credits to “encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.”

The attributed of aluminum extrusions are primarily addressed under this category and the most applicable credits are as follows:

- ***Building Product Disclosure and Optimization – Environmental Product Declaration Requirements***
  - Option 1 – Environmental Product Declaration (EPD) – 1 point and/or
  - Option 2 – Multi-attribute Optimization – 1 point
- ***Building Product Disclosure and Optimization – Material Ingredient Requirements***
  - Option 1 – Material Ingredient Reporting – 1 point and/or
  - Option 2 – Material Ingredient Optimization – 1 point and/or
  - Option 3 – Product Manufacturer Supply Chain Optimization – 1 point
- ***Building Product Disclosure and Optimization – Sourcing of Raw Material Requirements***
  - Option 1 – Raw Material Source and Extraction Reporting – 1 point and/or
  - Option 2 – Leadership Extraction Practices – 1 point

A common thread through these credits is product transparency. The building industry is demanding transparency from product manufacturers about the safety of building materials and ingredients. Manufacturers who adopt these product disclosure methods demonstrate their commitment to environmental quality and human health and safety.

Source: USGBC “LEED Credit Library” <https://www.usgbc.org/credits>