

WILLKI

ENVIRONMENTAL GUIDE

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What is LEED?

LEED (Leadership in Energy and Environmental Design) is a globally recognized environmental building certification system developed by the U.S. Green Building Council ([USGBC](#)) and supported by the Canadian Green Building Council ([CGBC](#)). This system awards points to construction projects based on environmental and sustainability criteria. The materials used can contribute to these credits.

LEED Program Objectives

LEED aims to improve occupant well-being, reduce environmental impacts and increase the economic returns of new or renovated construction projects.

LEED v5 Credit Categories

1. Integrative Process, Planning and Assessments (IP)
2. Location and Transportation (LT)
3. Sustainable Sites (SS)
4. Water Efficiency (WE)
5. Energy and Atmosphere (EA)
6. Materials and Resources (MR)
7. Indoor Environmental Quality (IEQ)
8. Project Priorities (PP)



Why Willki is an eco-responsible product

Willki stone panels are designed to meet the highest standards of durability, performance, and environmental responsibility. Manufactured in Bromont, QC, with 100% local sourcing (Quebec and Ontario), they are composed of over 70% recycled materials. Thanks to their reversible system and integrated corners, on-site waste is reduced to approximately 3%. Installation is quick and easy on a wide variety of substrates, with a ventilated system that improves wall performance.

Willki is part of a circular economy approach, particularly thanks to its screw-on system that allows for the disassembly, reuse, or recycling of panels at the end of their life. Fire-resistant, maintenance-free, and guaranteed for 50 years, Willki panels are an aesthetic, high-performance, and eco-responsible cladding solution, perfectly aligned with the principles of sustainable construction and LEED certification objectives.



Note: Willki is not a "LEED certified" product, as LEED certifies buildings, not materials. However, the characteristics of our panels may contribute to LEED points, depending on the project.

How Willki Panels Can Contribute to LEED

LEED v5 Category	Credit or objective	Possible contribution from Willki
Materials and Resources	Circular and low-impact products Potential points: 2	Willki panels contain more than 70% recycled materials, primarily in the aggregates. This recycled industrial by-product helps reduce the product's environmental footprint.
	Local sourcing Potential points: 2	Manufactured in Bromont, Quebec, Willki panels are particularly well-positioned for projects located in Eastern Canada. For all projects within a radius of 800 km by truck or 2,400 km by train, the use of Willki can contribute to this credit by promoting local procurement and reducing GHG emissions associated with logistics.
	Construction waste management Potential points: 2	The versatile design of Willki panels—with integrated corners, reversible panels, and minimal cutting—allows for optimal material utilization, limiting waste to approximately 3% on-site. Additionally, the system comes with minimal packaging, resulting in virtually no waste during installation.
	Sustainability and resilience Potential points: 1	Designed to withstand harsh weather and freeze-thaw cycles, Willki panels are backed by a 50-year transferable limited warranty. Their durability helps limit the need for replacement or maintenance, enhancing the building's longevity.
Energy and Carbon	Building energy performance Indirect contribution (energy model required)	The concrete that makes up the Willki panels acts as a thermal mass: it absorbs ambient heat during the day and slowly releases it, helping to stabilize indoor temperatures and reduce the need for heating and cooling.
Project properties	Innovative design Potential points: 1	The EziKi anchor key system allows for fast, precise and ventilated installation, reducing errors and improving envelope performance.
	Health and safety Potential points: 1	Willki stone is non-combustible, contributing to a fire-resistant envelope.
	Minimal maintenance Potential points: 1	Willki screw-in stone requires little maintenance thanks to its mortar-free installation and ventilated system, which eliminates the risk of premature wear and infiltration.
	Designed for disassembly Potential points: 1	The screwed system allows for damage-free disassembly, promoting the reuse or recycling of the panels.

Note: The information in this guide is based on LEED standards and Willki's internal specifications. Some statements may require third-party validation depending on project requirements.



15, rue de l'Atlantique, Bromont (Québec) J2L 2R3, Canada
(450) 534-1250 | info@willki.ca
willki.ca/en