

LEED CERTIFICATION

OPPORTUNITIES AND ISSUES FOR AGGREGATE PRODUCERS IN ILLINOIS

The US Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system V4 is the most current LEED Version. The LEED Version 2009 is the predecessor to V4 and this rating system version (2009) will take Certification Applications on construction projects until June 30, 2021.

Several LEED Project Types under LEED Version 2009 have checklists within them that are applicable to the aggregates industry and the products and services we provide.

- Schools
- Core and Shell
- Retail – New Construction
- Healthcare
- Neighborhood Development

Each of these project types have their own checklists that LEED Accredited Professionals (APs) must complete in order to obtain a bronze, silver, gold, or platinum certificate for a LEED project application.

The Following Potential Applicability for Our Aggregates Industry Has Been Identified Under LEED Version 2009:

- Construction Activity Pollution Prevention Credit
 - Our stone could help build storm water reservoirs (CA-1).
 - Our stone could help build reinforced construction entrances and exits.
- Green Building Credit
 - Customers may request a Life Cycle Assessment or Environmental Product Declaration in order to confirm that our products meet the requirements listed in the Green Building Credit.
 - Assessments and Declarations cost money per product (approximately \$12K per product); however, customer requests could start increasing.
 - May need to provide Corporate Sustainability Report – due to extraction of raw materials.
- Rainwater Management Credit
 - Projects get points for retaining rainwater on site; therefore, stone used for storm water reservoirs will be imperative on these projects.
- Recycled and Reused Infrastructure Credit (To avoid the environmental consequences of extracting and processing virgin materials by using recycled and reclaimed materials)
 - Applicable to Concrete recycling facilities.
 - Materials used in the following infrastructure items are applicable: roadways, parking lots, sidewalks, paving, curbs, base material, sub-base material, rainwater management.
- Solid Waste Management Credit (To reduce the volume of waste deposited in landfills)
 - Clean Construction Demolition Debris – Fill Sites will be imperative.
 - Concrete recycling facilities will be imperative.
 - The credit requires: Recycle, reuse or salvage at least 50% of non-hazardous construction, demolition, and renovation debris.

LEED V4 improves on the analytical framework developed for 2009 and implements a new set of criteria specifically for the built environment. When the LEED 2009 Version becomes obsolete, IAAP will determine applicability for LEED V4.