

## The LEED® Certification Process

The process of certification requires a total team effort from the owners, contractors, designers, and suppliers.

- The certification process begins with the project team registering the project with USGBC during the early stages of design.
- Once registered, the project team prepares documentation and calculations to satisfy the credit submittal requirements. USGBC offers a variety of resources, including software, templates and reference guides to help streamline the process.
- After the project has been completed, all the paperwork is submitted to USGBC for the technical review process.
  - USGBC performs the review ensuring that all the prerequisites have been met and confirms a LEED® rating: certified, silver, gold or platinum.
- Buildings awarded LEED® Certification are posted online and given a plaque to display on front of the building.

## LEED® Certification Levels\*

Certified, Silver, Gold and Platinum levels of LEED® certification are awarded based on the total credits earned.\*

\*Based on LEED 2009 for New Construction (LEED-NC) guidelines.

| Rating        | Certified | Silver | Gold  | Platinum |
|---------------|-----------|--------|-------|----------|
| Earned Points | 40-49     | 50-59  | 60-79 | 80+      |



Member of the USGBC since 2005

More about LEED®:  
[www.usgbc.org/leed](http://www.usgbc.org/leed)

LEED is a registered trademark of the USGBC.



# Why build in line with LEED®?

# You earn the credits, and we all win.

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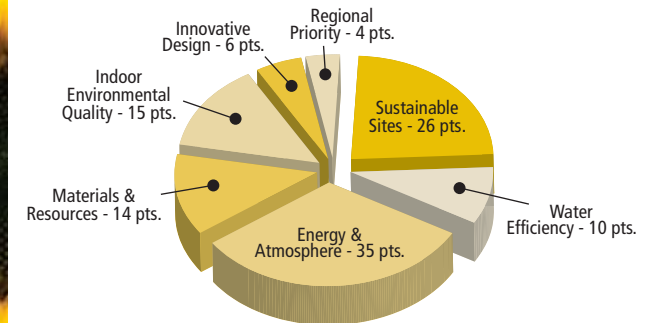
## Why Build Green?

Green, or sustainable building design practices minimize a building's environmental impact, reduce operating costs, and enhance occupant comfort and well-being. LEED® (Leadership in Energy & Environmental Design) certification recognizes projects that have demonstrated a commitment to sustainability.

## What is LEED®?

The LEED® Green Building Rating System, introduced in 2000 by the U.S. Green Building Council (USGBC), is a performance-oriented rating system where points are earned for satisfying specific green building criteria. Points are given in seven (7) major categories. The minimum number for LEED® certification is 40 points.

## Available Points per Category (LEED 2009 for New Construction)



The LEED® standard has been adopted nationwide by federal agencies, state and local governments, and interested private companies as the guideline for sustainable building.

## Building with conscience.

These three words have summarized Sto's mission statement for more than 20 years. Simply put, "Building with conscience." means doing the right thing for the environment, our customers, and our community.

Sto | Building with conscience.

**Where does Sto Corp. fit in this process?**

Sto Corp., as the innovative world leader in cladding, coating, and restoration systems, has a wide selection of coating and cladding systems (such as EIFS) that fulfill green building criteria. As a member of the U.S. Green Building Council (USGBC), we partner with design and construction professionals to provide intelligent, cost-effective, and environmentally friendly solutions\* that can help you qualify your project for LEED® certification.

# You earn the credits, we all win.

Together with LEED® and Sto Corp. you can incorporate materials and design strategies into your projects that create green structures, responsible investments for owners, and comfortable environments for tenants.

Contact Sto for more information and learn how we can help you earn LEED® credits for your next project. Call us toll-free at 1-800-221-2397 or visit us on the web at [www.stocorp.com/leed](http://www.stocorp.com/leed).



| Sto products that can contribute to earning LEED® credits and points<br>LEED® 2009 for New Construction | StoTherm® NExT EIFS Systems | StoPowerwall™ NExT Stucco Systems | StoGuard® Waterproofing/Air Barrier | Sto Specialty Systems & Coatings |  |
|---|-----------------------------|-----------------------------------|-------------------------------------|----------------------------------|--|
| <b>Sustainable Sites</b>  |                             |                                   |                                     |                                  |  |
| Credit 7.1 <i>Heat Island Effect, Non-Roof</i>  |                             |                                   |                                     |                                  | Sto Coatings for walkways, driveways and parking areas are available in a variety of colors with a Solar Reflectance Index (SRI) value greater than 29.  |
| <b>Energy &amp; Atmosphere</b>  |                             |                                   |                                     |                                  |  |
| Prerequisite 2 <i>Minimum Energy Performance</i>  |                             |                                   |                                     |                                  | StoTherm EIFS claddings can be engineered to specified R-Values by using various thicknesses of EPS insulation. Sto NExT systems incorporate StoGuard, a structural Waterproofing / Air Barrier. Structural Air Barriers have been shown in NIST testing to reduce energy consumption by up to 40%.  |
| Credit 1 <i>Optimize Energy Performance</i>   |                             |                                   |                                     |                                  |  |
| <b>Materials &amp; Resources</b>  |                             |                                   |                                     |                                  |  |
| Credit 1.1 <i>Maintain 55% of Existing Walls, Floors and Roof</i>                                       |                             |                                   |                                     |                                  | StoTherm EIFS and Sto coatings and finishes may be applied to properly cleaned surfaces of many types, including masonry, cement block and painted surfaces, providing a new aesthetic exterior design and increased performance. Covering an existing structure with StoTherm EIFS would add energy performance in addition to a new visual appeal. |
| Credit 1.2 <i>Maintain 75% of Existing Walls, Floors and Roof</i>                                       |                             |                                   |                                     |                                  |  |
| Credit 1.3 <i>Maintain 95% of Existing Walls, Floors and Roof</i>                                       |                             |                                   |                                     |                                  |  |
| Credit 2.1 <i>Construction Waste Management - Divert 50% from Disposal</i>                              |                             |                                   |                                     |                                  | Sto materials are packaged in pails and bags that can be recycled through traditional waste management programs.   |
| Credit 2.2 <i>Construction Waste Management - Divert 75% from Disposal</i>                              |                             |                                   |                                     |                                  |  |
| Credit 4.1 <i>Recycled Content - 10% (post-consumer + 1/2 pre-consumer)</i>                             |                             |                                   |                                     |                                  | Sto BTS® base coats and some StoGuard products contain fly ash, a pre-consumer recycled material.  |
| Credit 4.2 <i>Recycled Content - 20% (post-consumer + 1/2 pre-consumer)</i>                             |                             |                                   |                                     |                                  |  |
| Credit 5.1 <i>Regional Materials - 10% Extracted, Processed and Manufactured Regionally</i>             |                             |                                   |                                     |                                  | Sto has 4 manufacturing facilities strategically located to serve much of the US and Eastern Canada. Depending on the product, between 20 and 80% of its raw materials are extracted within 500 miles of these plants.   |
| Credit 5.2 <i>Regional Materials - 20% Extracted, Processed and Manufactured Regionally</i>             |                             |                                   |                                     |                                  |  |
| <b>Indoor Environmental Quality</b>   |                             |                                   |                                     |                                  |  |
| Credit 4.2 <i>Low Emitting Materials: Paints &amp; Coatings</i>   |                             |                                   |                                     |                                  | Sto coatings and finishes meet the GS-11 criteria for VOC limits.  |
| <b>Innovation in Design</b>   |                             |                                   |                                     |                                  |  |
| Credit 1.1 - 1.4  |                             |                                   |                                     |                                  | StoCoat Lotusan® paint with self-cleaning properties provides extended service life and reduces the amounts of cleansers and water used to keep the building clean.  |

\*Sto recognizes that no product by itself is LEED® certified, and that no product can guarantee a specific number of points for LEED® Certification