The LEED v4 Green Building Rating System is a set of performance standards for certifying the design and construction of commercial, institutional, and high-rise multifamily residential buildings, both public and private. The intent is to promote durable, affordable, and sustainable materials and processes during the design, construction, and operation of the built environment.

The rating system includes guides for New Construction, Core & Shell, Schools, Retail, Data Centers, Warehouse and Distribution Centers, Hospitality, and Healthcare.

Prerequisites and credits in the LEED v4 Building Design and Construction Rating System address the following categories:

- Integrative Project Planning and Design or Integrative Process
- Location and Transportation (LT)
- Sustainable Sites (SS)
- Water Efficiency (WE)
- Energy and Atmosphere (EA)
- Materials & Resources (MR)
- Innovation (IN)
- Regional Priority (RP)

Prerequisites and credits for each of the categories covered in the LEED v4 Rating System for each building type are project- rather than product-focused. Therefore, it is the cumulative effect of products integrated within building systems and assemblies evaluated within the parameters of each of the topics that contributes to the "points" a project accrues during the certification process.

LEED v4 for Building Design and Construction (BD+C)

Buildings that are new construction or major renovation. In addition, at least 40% of the project’s gross floor area must be complete by the time of certification (except for LEED BD+C: Core and Shell).

BUILDING TYPES

New Construction and Major Renovations. New construction or major renovation of buildings that do not primarily serve K-12 educational, retail, data centers, warehouses and distribution centers, hospitality, or healthcare uses. New construction also includes high-rise residential buildings, nine stories or more.

Core and Shell Development. Buildings that are new construction or major renovation for the exterior shell and core mechanical, electrical, and plumbing units, but not a complete interior fit-out. LEED BD+C: Core and Shell is the appropriate rating system to use if more than 40% of the gross floor area is incomplete at the time of certification.

Schools. Buildings made up of core and ancillary learning spaces on K-12 school grounds. LEED BD+C: Schools may optionally be used for higher education and non-academic buildings on school campuses.

Retail. Buildings used to conduct the retail sale of consumer product goods. Includes both direct customer service areas (showroom) and preparation or storage areas that support customer service.

Data Centers. Buildings specifically designed and equipped to meet the needs of high-density computing equipment such as server racks, used for data storage and processing. LEED BD+C: Data Centers only addresses whole building data centers (greater than 60%).

Warehouses and Distribution Centers. Buildings used to store goods, manufactured products, merchandise, raw materials, or personal belongings, such as self-storage.

Hospitality. Buildings dedicated to hotels, motels, inns, or other businesses within the service industry that provide transitional or short-term lodging with or without food.

Healthcare. Buildings that serve individuals who seek medical treatment, including licensed and federal inpatient care facilities, licensed and federal outpatient care facilities, and licensed and federal long-term care facilities. May optionally be used for buildings with other kinds of medically related uses, such as uncounseled outpatient facilities, medical, dental, and veterinary offices and clinics, assisted living facilities, and medical education & research centers.
**LEED® V4 FOR BUILDING DESIGN AND CONSTRUCTION (BD+C) CREDITS GUIDE FOR OWENS CORNING® PRODUCTS**

Product lists and credit contribution by construction type are featured below. The key details the qualifying construction type(s) for each credit.

### Key
- **ALL**: Qualifies for ALL construction categories
- **C**: Schools
- **D**: Retail
- **E**: Data Centers
- **F**: Warehouses and Distribution Centers
- **G**: Hospitality
- **H**: Healthcare

The Owens Corning® products listed contribute to meeting requirements of the LEED® Rating System in the categories identified, however, the use of these products does not guarantee attainment of points or prerequisite compliance, nor are any products certified under the LEED® brand. Call 1-800-GET-PINK® to learn more about how Owens Corning® products can help you achieve LEED® certification.

#### Insulating Products

<table>
<thead>
<tr>
<th>Product Category</th>
<th>Product Description</th>
<th>Prerequisite</th>
<th>SS</th>
<th>EA</th>
<th>MR</th>
<th>EQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBERGLAS® Blanket Insulation</td>
<td>EcoTouch® PINK® FIBERGLAS® Insulation with PureFiber® Technology</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
<td>C</td>
</tr>
<tr>
<td>FIBERGLAS® Loosetuff Insulation</td>
<td>PRO®/CORK® Loosetuff Insulation, ATHCAT® Expanding Blown In Loosetuff Insulation</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
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<td>ALL</td>
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<tr>
<td>FIBERGLAS® Rapid and Semi-Rigid Insulation</td>
<td>FIBERGLAS® 700 Series EcoTouch® RA Series</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
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<td>ALL</td>
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<tr>
<td>FIBERGLAS® Acoustic Insulation</td>
<td>QuietZone® Acoustic Batts</td>
<td>ALL</td>
<td>ALL</td>
<td>C</td>
<td>ALL</td>
<td>ACEFGH</td>
</tr>
<tr>
<td>Acoustic Wall and Ceiling Finishes</td>
<td>QuietZone® Acoustic Floor Mat, SelectSound® Black Acoustic Blanket Insulation</td>
<td>C</td>
<td>ALL</td>
<td>ACEFGH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral Wool Insulation</td>
<td>Thermafiber® Insulation; SAF®, FireSpan®, Safing, UltraBatt®, VersaBoard®, and RainBarrier®</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
<td>C</td>
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<tr>
<td>Extruded Polystyrene (XPS) Insulation and Accessories</td>
<td>FOAMULAR® Extruded Polystyrene Rigid Insulation: Including Cel-Lok®, Cel-Drain®, C-200, C-300, 35G, CedilBoard®, 400/600/1000 High Density, Gridboard</td>
<td>ALL</td>
<td>ALL</td>
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<tr>
<td>HVAC Insulation</td>
<td>QuietR® Duct Liner Board, QuietR® Rotary Duct Liner, QuietZone® Spiral Duct Liner</td>
<td>ALL</td>
<td>ALL</td>
<td>C</td>
<td>ALL</td>
<td>ACEFGH</td>
</tr>
<tr>
<td>Pipe and Equipment Insulation</td>
<td>Pipetec® Pipe Insulation (ASJMax with SSL Max, ASJ with SSLII), VaporLock® Pipe Insulation</td>
<td>ALL</td>
<td>ALL</td>
<td>C</td>
<td>ALL</td>
<td>ACEFGH</td>
</tr>
<tr>
<td>Metal Building Insulation</td>
<td>EcoTouch® Insulation for Metal Building Utility Blanket, and EcoTouch® Insulation for MBI Plus Metal Building</td>
<td>ALL</td>
<td>ALL</td>
<td>ALL</td>
<td>C</td>
<td>ALL</td>
</tr>
</tbody>
</table>

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**Note:**
- May not be available for all construction job locations.
- Available in specific markets.