LEED 2009 for Retail: New Construction Fact Sheet

LEED 2009 for Retail: NC addresses the specific differences and opportunities for retail projects. The development of LEED for Retail was based on the recommendations of the LEED for Retail Committee and over 100 pilot projects. The following summarizes the major technical changes in LEED 2009 for Retail: NC compared to LEED 2009: NC.

Major Credit Changes from LEED 2009: NC to LEED 2009 for Retail: NC

SSc4- Alternative Transportation	7 different credit options are now available under this credit.
SSc4B- Alternative Transportation- Bicycle Commuting	Prescriptive requirements added for the number of bicycle storages spaces based on the square footage of the project. Additional options in addition to showers and changing rooms.
SSc4C- Alternative Transportation- Low-Emitting & Fuel-Efficient Vehicles	Under Path 2, the 5% preferred parking takes into account both employee and customer parking.
SSc4E- Alternative Transportation- Delivery Service	New Option added for providing a delivery service for purchased made from the retail project seeking LEED certification.
SSc4F- Alternative Transportation- Incentives	New Option added for providing a comprehensive incentives program for employees who use alternative transportation to get to work.
SSc4G- Alternative Transportation- Education	New Option added for providing information on transportation management programs to employees and staff.
SSc5.2- Site Development- Maximize Open Space	Option for projects that are part of a multi-tenant retail complex to demonstrate that credit requirements have been met at a master plan level.
SSc6.1- Stormwater Design- Quantity Control	Option for projects that are part of a multi-tenant retail complex to demonstrate that credit requirements have been met at a master plan level.
SSc6.2- Stormwater Design- Quality Control	Option for projects that are part of a multi-tenant retail complex to demonstrate that credit requirements have been met at a master plan level.
SSc7.1- Heat Island Effect- Nonroof	New threshold added- 25% for one point and 50% for two points.
SSc8-Light Pollution Reduction	Under Option 1 for Interior Lighting, the override may last for 60 minutes. Internally illuminated exterior retail signage may be excluded from consideration. Option for projects that are part of a multi-tenant retail complex to demonstrate that credit requirements have been met at a master plan level.
WEp1 / WEc3- Water Use Reduction	Process water use included under this credit. Both building water use and process water use must meet the prerequisite/credit thresholds as separate calculations. Process water baselines and exclusions for certain types/uses of appliances & equipment have been provided.
WEc1- Water Efficient Landscaping	Option for projects that are part of a multi-tenant retail complex to demonstrate that credit requirements have been met at a master plan level.
WEc2- Innovative Wastewater Technologies	Option for projects that are part of a multi-tenant retail complex to demonstrate that credit requirements have been met at a master plan level.
EAp2- Minimum Energy Performance	Under Option 2, the standard is the ASHRAE Advanced Energy Design Guide for Small Retail Buildings 2006.
EAc1- Optimize Energy Performance	Under Option 1, all building energy uses must be included in the energy simulation model. Baselines for standard commercial kitchen equipment, supermarket refrigeration, walk-in coolers & freezers, and commercial kitchen ventilation have been included. Under Option 2, the standard is the ASHRAE Advanced Energy Design Guide for Small Retail Buildings 2006. Under both Options 2 & 3, there is an additional requirement to comply with the provided prescriptive measures for 90% of total energy consumption for all applicable process equipment.
MRp1- Storage and Collection of Recyclables	Requires a waste stream study to identify the top 5 recyclable waste streams. Collection and storage must be provided for the top 3 identified in close proximity to the source of recyclable waste in both front and back of house.
MRc3, 4, 5, 6, & 7- Material Credits	Definition of retail furniture provided. Furniture may be included in material calculations, but must be included consistently across all material credits.
EQp2- Environmental Tobacco Smoke (ETS) Control	Under Option 1, provision included for if the 25 foot requirement cannot be met due to landlord rules or regulations. Additionally, smoking must also be prohibited in any outdoor spaces used for retail business purposes.

EQc3.2- Construction IAQ Management Plan- Before Occupancy	Under Option 2, Air Testing, testing may occur after construction ends and within 14 days following occupancy.
EQc4D- Low-Emitting Materials- Composite Wood & Agrifiber Products	Definition of retail furniture provided.
EQc4E- Low-Emitting Materials- Furniture	New option added to address retail furniture. For manufactured and custom furniture, components and the assembly must meet the requirements of EQc4A, EQc4B, and EQc4D. Systems furniture and seating must meet the requirements outlined in LEED-CI 2009.
EQc4E- Low-Emitting Materials- Ceiling & Wall Systems	New option added to address ceiling and wall systems. The standard is the CA Department of Health Services *Standard Practice for the Testing of Volatile Organic Emissions From Various Sources Using Small-Scale Environmental Chambers*.
EQc6- Controllability of Systems	EQc6.1 and EQc6.2 requirements for individual controls have been combined into one credit for only retail administrative spaces.
EQc7.2- Thermal Comfort- Employee Verification	The survey method for verification of comfort criteria outlined in EQc7.1 is only required for building employees. It is recommended that customers are surveyed as well.
EQ8.1- Daylight & Views- Daylight	Retail definition for non-regularly occupied and regularly occupied spaces.
EQ8.2- Daylight & Views- Views	Retail definition for regularly occupied retail stations.

How do I know if my project is retail?

A: A space or building is appropriate for LEED for Retail: New Construction or LEED for Retail: Commercial Interiors if it is dedicated to the sale of goods or commodities directly to consumers who come onto the premises for the purpose of obtaining those goods or commodities. Retail includes (but is not limited to) banking, restaurants, stores of any kind, spas, etc. This also includes direct customer service areas (e.g., a showroom) and preparation or storage areas that support customer service.

To register your project: Go to http://www.leedonline.com

To read more about LEED 2009 for Retail: NC: Go to www.usgbc.org/leed/retail