AMBICO
SPECIALIZED STEEL DOORS & FRAMES
SPECIALIZED WOOD DOORS

LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN: LEED

The United States Green Building Council (USGBC) has developed a rating system which measures environmental sustainability in a project or a building. This is known as: LEED or (Leadership in Energy and Environmental Design. Products cannot be classified as LEED certified. LEED is used to designate the sustainability of a project or a building, but not the products which are used to construct the building.

Because of their proven sustainability, AMBICO's steel and wood products can be pivotal in a project becoming LEED certified. At AMBICO we recognize the ever growing importance of environmentally friendly products. LEED has shown itself to be a valuable tool to encourage and assess green building design. The table below shows how AMBICO can help a project meet its LEED goals.

Legend	
LT	Location & Transport
SS	Sustainable Sites
WE	Water Efficiency
EA	Energy & Atmosphere
MR	Materials & Resources
EQ	Indoor Enviro. Quality
IN	Innovation
RP	Regional Priority
NC	New Construction
CS	Core and Shell
SC	Schools
RE	Retail
DC	Data Centers
WD	Warehouse & Distrib.
HO	Hospitality
HE	Healthcare

LEED Category	Prerequisite or Credit Intent	Applies To	Ambico's Contribution
EA Prerequisite: Minimum Energy Performance Required	To reduce the environmental and economic harms of excessive energy use by achieving a minimum level of energy efficiency for the building and its systems.	NC, CS, SC, RE, DC, WD, HO, HE	AMBICO offers a line of thermally broken products and can otherwise provide insulated doors and effective door seals to minimize heat transfer and improve whole-building energy efficiency.
EA Credit: Optimize Energy Performance	To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic harms associated with excessive energy use.	NC, CS, SC, RE, DC, WD, HO, HE	
MR Credit: Building Life-Cycle Impact Reduction	To encourage adaptive reuse and optimize the environmental performance of products and materials.	NC, CS, SC, RE, DC, WD, HO, HE	AMBICO can customize modern products to mimic the appearance of doors / frames installed in existing (or historic) building renovation projects.
MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations	To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.	NC, CS, SC, RE, DC, WD, HO, HE	AMBICO has completed life-cycle analyses for its steel door, wood door, and steel frame production lines and has published the results in the form of three separate environmental product declarations (EPDs).
MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials	To encourage the use of products and materials for which life cycle information is available and that have environmentally, economically, and socially preferable life cycle impacts. To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner.	NC, CS, SC, RE, DC, WD, HO, HE	Pre- and post-consumer recycled content as a percentage of total weight is available. Upon request, AMBICO can provide its wood doors with FSC certified wood products.
MR Credit: Building Product Disclosure and Optimization – Material Ingredients	To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved lifecycle impacts.	NC, CS, SC, RE, DC, WD, HO, HE	AMBICO has completed life-cycle analyses for its steel door, wood door, and steel frame production lines and has published the results in the form of three separate environmental product declarations (EPDs). However, AMBICO has not yet undertaken a health product declaration (HPD).
MR Credit: Design For Flexibility	Conserve resources associated with the construction and management of buildings by designing for flexibility and ease of future adaptation and for the service life of components and assemblies.	HE	AMBICO's custom sized acoustic and security frame and door products make it easier to use interstitial space and provide programmed soft space by isolating noisy equipment in occupied zones.
EQ Prerequisite: Minimum Acoustic Performance	To provide classrooms that facilitate teacher-to-student and student-to-student communication through effective acoustic design.	SC	AMBICO has a wide range of acoustic products to help achieve sound transmission and noise control goals.
EQ Credit: Low-Emitting Materials	To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.	NC, CS, SC, RE, DC, WD, HO, HE	AMBICO's adhesive-backed door seals and double-sided tape are free of VOCs. Paints and coatings which are factory-applied need not meet VOC limits. AMBICO can supply wood products which are UF-free.
EQ Credit: Daylight	To connect building occupants with the outdoors, reinforce circadian rhythms, and reduce the use of electrical lighting by introducing daylight into the space.	NC, CS, SC, RE, DC, WD, HO, HE	AMBICO's products can usually accommodate windows; even for products that must resist fire, blasts, and tornadoes.
EQ Credit: Quality Views	To give building occupants a connection to the natural outdoor environment by providing quality views.	NC, CS, SC, RE, DC, WD, HO, HE	
EQ Credit: Acoustic Performance	To provide workspaces and classrooms that promote occupants' well-being, productivity, and communications through effective acoustic design.	NC, SC, DC, WD, HO, HE	AMBICO has a wide range of acoustic products to help achieve sound transmission and noise control goals.