



LEED 2009 New Construction & Major Renovations (NCRM)

This document is to help professional architects or designers achieve the highest possible energy efficiency in their buildings. Euro-Wall's® products meet the testing guidelines of the National Fenestration Rating Council and the EPA's Energy Star program. The following will show you how to maximize your credits through the use of Euro-Wall's® products to help obtain up to 30 points under the United States Green Building Council's Leadership in Energy and Environment Design (LEED) for New Construction Program, Existing Building Program. LEED is a standard that was consensus based to manage the development of environmentally responsible buildings. For New Construction, points are awarded in Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials and Resources, Indoor Environmental Quality and Innovation in Design. A LEED NC certified project must obtain a minimum rating of 40 to become certified: certified 40-49, Silver 50-59, Gold 60-79, Platinum 80+ out of 110). All product specifications, Thermal and Performance testing for specific product applications should be obtained from www.Euro-Wall.com.

SS CR 8 LIGHT POLLUTION REDUCTION, 1 POINT

CREDIT & INTENT

- Minimize light trespass from the building at night, power to be reduced by 50% or glazing to be shielded.
- Improve visibility through glare reduction.

EURO-WALL® SOLUTIONS

- Light transmission is controlled by color and glazing selections. Interior shading options are available.
- Euro-Wall® can help obtain SS Cr 8 by installing our products into the building's envelope.

MR CR 2.1,2 CONSTRUCTION WASTE MANAGEMENT, 1 OR 2 POINTS

CREDIT & INTENT

- Divert construction waste/recycle from land fill, 50% (1 point), 75% (2 points)

EURO-WALL® SOLUTIONS

- Euro-Wall® ships using 100% recyclable wood and reuses the all wood crates.

MR CR 5.1, 2: REGIONAL MATERIALS, 1 POINT FOR 10% VALUE, 2 POINTS FOR 20% VALUE

CREDIT & INTENT

- Provide materials that are manufacturer and extracted with a 500 mile radius or the project.

EURO-WALL® SOLUTIONS

- Euro-Wall® manufactures all wood and aluminum door systems in Port Charlotte, FL.

EA CR 1 OPTIMIZE ENERGY PERFORMANCE, 1-19 POINTS (PRESCRIPTIVE 1+ 1-3 PT)

CREDIT & INTENT

- Design project to comply with ASHRAE St 90.1-2007 Option 1: Whole Building Simulation to reduce process & non-process loads by 12(1 point)-48% (19 point over ASHRAE 90.1-2007. Projects in California may use Title 24,2005, Part 6.

- Option 2: Prescriptive Path: Small buildings may demonstrate compliance with ASHRAE for Small Buildings 2004, ASHRAE for Small Retail 2006 or ASHRAE for Small Warehouses 2008 for 1 point. Prescriptive compliance path using “Advanced Buildings Core Performance” Guide may claim 1 point, plus 2 additional points for implementing Enhanced Performance strategies listed in Section 3.

EURO-WALL® SOLUTIONS

- Euro-Wall® doors and windows allow natural sunlight to light interiors and save energy with passive solar heat. When Euro-Wall® doors and/or windows are open they allow natural ventilation and air flow and reduce demands on air conditioning and heating systems. Euro-Wall® doors and windows installed with high performance glass will significantly reduce the energy loss through the structure. A high performance visible transmittance can be obtained by all Euro-Wall Systems® fenestration products. Euro-Wall® meets EnergyStar★ performance requirements depending on product and glass specification selected.

MR CR 7: CERTIFIED WOOD, 1 point

Prerequisite + \$.5 credit: \$1 spent.

Prerequisite + 30% of credits 1:1

Prerequisite + 60% of credits 2:1

CREDIT & INTENT

- Provide 50% of the wood (based on cost) used on the project are certified in accordance with the USGBC Forest Certification Benchmark. Categories include: Governance, Forest Standard Substance, Chain of Custody & Labeling, and Accreditation & Certification.

EURO-WALL® SOLUTIONS

- Euro-Wall Systems® wood products are PEFC certified and/or FSC certified depending on wood product selected. All wood used by Euro-Wall’s® doors and windows are gathered by sustainable methods. Euro-Wall® uses FSC change of custody practices.

IEQ CR 2 INCREASED VENTILATION, 1 point

CREDIT & INTENT

- Provide additional outdoor ventilation via mechanical or natural ventilation systems.

EURO-WALL® SOLUTIONS

- All Euro-Wall® operable glass doors and windows can provide natural ventilation as per ASHRAE62.1-2007

IEQ CR 3.2: CONSTRUCTION IAQ MANAGEMENT, 1 point

CREDIT & INTENT

- Reduce Indoor Air Quality (IAQ) during construction and prior to occupancy by flushing the building with fresh air.

EURO-WALL® SOLUTIONS

- Euro-Wall’s® doors and windows have the ability to exchange 100% of the air rapidly before occupancy. That allows the saving of time and energy while improving the overall air quality. PATH1: Before construction, total air volume at a minimum air temperature of 60 degrees Fahrenheit.