

NANAWALL® LEED® for HOMES 2008/2010 updates HOW NANAWALL® PRODUCTS MAY CONTRIBUTE

The purpose of this document is to help residential designers and builders achieve the highest possible energy efficiency in their buildings or homes. Our products meet the testing guidelines of the National Fenestration Rating Council, the ANSI ICC 700-2008 and the Energy Star program. The following will show you how to maximize your credits through the use of our products to help obtain credits maximum under LEED for Homes. LEED is a standard that was consensus based to manage the development of environmentally responsible buildings. LEED for Homes certified home must obtain a minimum of 45 points out of 136 (Silver 60 pt, Gold 75 pt, Platinum 90 pt). Additional benefits can be in the form of Tax and marketing incentives. More information is available through the USGBC @ www.usgbc.org.

EA : OPTIMIZE ENERGY PERFORMANCE

EA 1 PERFORMANCE TEST (1-34 points)

NANAWALL® Solutions: NanaWall® Operable Glass Walls are available in various glazing options that can meet Energy Star prerequisites (see Table 704.4.1) and can have a U-Factor as low as .26 and a SHGC of .21. Please see product structural and thermal performance data on website for specific product performance.

EA 4.1: PERSCRPTIVE PATH (1-3 points) (Alt to EA1 above)

NANAWALL® Solutions: NanaWall® Operable Glass Walls qualify for Exceptional windows (3 credits). WD 66, WD67 are available in Heat Mirror TC88 glass with Krypton fill, which has a U-Factor of .25 and SHGC of .30. SL70 with Heat Mirror TC88 glass with Krypton fill has a U-Factor of .26 and SHGC of .21 or with triple insulated Low E glass with argon fill, which has a U-Factor of .29 and SHGC of .24.

For coastal areas and weather resistance, choose SL73 with insulated Impact Low-E Glass with argon fill, which has a U-Factor of .39 and SHGC of .20, but has the additional protection of Impact Resistance for hurricanes. Testing per Florida Building Code and Dade County for Impact for Missile D.

MR 2: ENVIRONMENTALLY PREFERABLE PRODUCT

Prerequisite .25 point .

Prerequisite + 30% of credits .5 point,

Prerequisite + 60% of credits 1 point.

Tropical wood must be FSC /certified, Recycled content can be from any recognized certification scheme by USGBC.

NANAWALL® Solutions: NanaWall® Douglas Fir wood provided is PEFC certified. Other woods, including Red Meranti, European Pine, Spruce and Oak, are available with options to be upgraded to FSC. Depending on the wood selected, potential contributions include: forestry specialty conservation value, reforestation, timber procurement, economic viability, training and research. NanaWall/Solarlux has FSC Chain of Custody Certification (certificate SGS-COC-008117) and PEFC Chain of Custody Certification (certificate SGS/COC-1188). What this means is that wood from the certified forest to the end user has been in a controlled "Chain of Custody" that has been independently verified for adherence to FSC/ PEFC standards.

ID 3: INNOVATION OR REGIONAL DESIGN (1-4 points)

NANAWALL® Solutions: NanaWall® Operable Glass Walls provide a direct connection to the outdoors, views, occupancy well-being while reducing energy at exemplary levels above Energy Star. Designers are able to reduce the carbon foot print by reducing the size of the home, while creating the flexibility for a larger living space. NanaWall®'s also increase the daylight available to the home, thus reducing the need for artificial lighting.



LEED Certified The New American Green Design Home



LEED Silver University of Washington Horticultural Center