



TECHNICAL DATA
FROM
Anemostat[®]
DOOR PRODUCTS
A MESTEK COMPANY

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LEED
CERTIFICATION

*Metal Vision Frames
and Door Louvers*

Fire Rated Glass Products

Glazing Tape

TECHNICAL BULLETIN

LEED Certification Contribution from: Metal Vision Frames and Door Louvers

This information is in response to requests regarding the use of our Steel Vision Frames and Louvers to help achieve LEED-NC (Leadership in Energy and Environmental Design) Certification. It references the LEED Green Building Rating System for New Construction and Major Renovations as published by the U.S. Green Building Council (USGBC).

According to the United States Green Building Council's Leadership in Energy and Environmental Design (LEED®) standard, products themselves are not certified rather the properties of the materials and the manner in which they are used can contribute to credits under the LEED rating system. Depending on which product is selected and how it is used, Anemostat Products, Metal Vision Frames, Glass, Glazing Tape and Door Louvers can contribute towards the following specific credits in the current (2009) LEED for New Construction and Major Renovations:

EA 1 Optimize Energy Performance, MR 4 Recycled Content, IEQ 4.2 Low Emitting Materials-Paints and Coatings, IEQ 8.1 Daylight and Views-Daylight, IEQ 8.2 Daylight and Views-Views.

Specific credits that apply to our metal products are as follow:

LEED Category: Material and Recourses (MR)

MR Credit(s) 4.1 and 4.2- Recycled Content: Post Consumer

At least 17% and as much as 33% of the steel used to produce our vision frames and louvers at our Carson, Ca. Manufacturing facility is post consumer content as defined by "Guides for the Use of Environmental Claims, 16 CFR 260.7 (e)" and therefore qualifies for this credit.

MR Credit 5.1- Regional Material:

Over 80% of our materials used to produce our vision frames and louvers at our Carson, Ca. manufacturing facility are sourced from within 500 miles. If our Carson facility is located within 500 miles from the project site, then the metal vision frames and louvers qualify for this credit.

EQ Credit 8.1- Daylight and Views: Daylight 75% of Spaces

Vision Frames and glazing from Anemostat can be used to help qualify for this credit.

LEED Certification Contributions from: Fire Rated Glass Products

All of Anemostat's fire rated glass products are extracted/ manufactured outside of the USA before being sent to our domestic facilities for fabrication, thus Anemostat Fire Rated Glazing products do not contribute towards credit MR 5 Regional Materials.

Thermal performance is an essential aspect of green building design and obtaining LEED certification. Anemostat offers insulated glass units with low-e coatings for increased thermal performance as a part of the FireLite®-IGU, and Pilkington Pyrostop®-IGU, Tempered IGU and Laminated IGU product lines. These coatings achieve the Department of Energy definitions for spectrally selective glazing (ratio of light transmission to SHGC).

The recycled content values below can be used in documentation for Credit MR 4-Recycled Content:

Pilkington Pyrostop®: 11% Pre-Consumer

Firelite© (all product types): 0% Pre-Consumer

Fire-SAFE® 20: 13% Pre-Consumer

X-Ray-S or X-Ray (x-ray shielding) 0-1.7% Pre-Consumer

LEED Certification Contributions from: Glazing Tape

Production samples of Anemostat GT Glazing Tape with adhesive were tested for VOC content with respect to LEED certification (TSE1102054). The standard used for the VOC testing is SCAQMD Method 304-91.

The samples had VOC levels below 2.3 g/l and may allow points to be granted per the LEED Indoor Environmental Quality Standard Credit 4. The end user is responsible to consult the current LEED standard to ensure the credit is appropriate for the application in question.

All of the Anemostat GT Tape products, including GT-14, GT-18, GT-116, GT-132 contain 0% recycled content.

Because Anemostat cannot anticipate or control every potential application, we strongly recommend testing the product under individual application conditions prior to use.