Sustainable Design Information Sheet for
3M™ Window Film

SECTION I. PRODUCT INFORMATION

Product Name: 3M™ Window Films

SECTION II. ENVIRONMENTAL POLICY

Environmental Concerns are integral to 3M and its activities.

In 1975, 3M became one of the first manufacturing companies to establish a formal Environmental Policy. That same year, we adopted our voluntary 3M Pollution Prevention Pays (3P) program based on the then-novel idea that pollution prevention is both an environmental and a competitive /financial strategy.

The 3P program is based on the reality that pollution prevention is more environmentally effective, technically sound and economical than conventional pollution control equipment. In 2002, we revitalized the 3P program to provide more opportunities for participation by our research and development, logistics, transportation and packaging employees with the addition of new award categories and criteria.

Beginning in the early 1970's, 3M's environmental programs set forward-looking corporate policies and environmental targets. Time after time, our pollution prevention efforts have demonstrated that as we reduce our waste, the environment benefits and we also become a more profitable company.

3M Corporate Environmental Policy

3M will continue to recognize and exercise its responsibility to:

1. Solve its own environmental pollution and conservation problems.
2. Prevent pollution at the source wherever and whenever possible.
3. Develop products that will have a minimal effect on the environment.
4. Conserve natural resources through the use of reclamation and other appropriate methods.
5. Assure that its facilities and products meet and sustain the regulations of all federal, state and local environmental agencies.
6. Assist, wherever possible, governmental agencies and other official organizations engaged in environmental activities.

SECTION III.

This credit summary is an Impact Analysis of 3M™ Window Films as it pertains to the LEED® Rating System. The credits apply to LEED for New Construction and Major Renovations (LEED-NC) Version 2.2 For Public Use and Display October 2005.

ENERGY AND ATMOSPHERE	
EA Prerequisite 2 **Minimum Energy Performance Required**	**Intent:** Establish the minimum level of energy efficiency for the proposed building and systems **Requirement:** Design the building project to comply with both- • the mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4) of ASHRAE/IESNA Standard 90.1-2004 (without amendments); and • the prescriptive requirements (Sections 5.5, 6.5, 7.5 and 9.5) or performance requirements (Section 11) of ASHRAE/ IESNA Standard 90.1-2004 (without amendments). • Note: LEED for New Construction projects registered after June 26, 2007 must exceed the minimum energy performance requirements of ASHRAE/IESNA Standard 90.1-2004. See EAc1 for the new requirements. 3M™ Window Film performance may contribute to this perquisite based on results of simulations generated from DOE-2 Building Energy Analysis Software or Industry accepted alternative such as Demand Analyzer.

ENERGY AND ATMOSPHERE **EA Credit 1** **OPTIMIZE ENERGY PERFORMANCE**	**Intent:** Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use. **Requirement:** Select one of the 3 compliance path options described below. Project teams documenting achievement using any of the three options are assumed to be in compliance with EA Prerequisite 2. *OPTION 1- WHOLE BUILDING ENERGY SIMULATION (1-10 points) *OPTION 2- PRESCRIPTIVE COMPLIANCE PATH (4 Points) *OPTION 3- PRESCRIPTIVE COMPLIANCE PATH (1 Points) 3M™ Window Film primary task is to help reduce the amount of heat coming into a building through the windows. 3M Window Film helps to reduce glare, UV damage, can improve aesthetics of the building, and offer different levels of privacy depending on the product chosen.

INDOOR ENVIRONMENTAL QUALITY **EQ Credit 8.1** **DAYLIGHT & VIEWS** **Daylight 75% of Spaces**	**Intent:** Provide for the building occupants a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building. **Requirements:** *OPTION 1- GLAZING FACTOR CALCULATION *OPTION 2- DAYLIGHT SIMULATION MODEL *OPTION 3- DAYLIGHT MEASUREMENT 3M™ Window Film primary task is to help reduce the amount of heat coming into a building through the windows. 3M Window Film helps to reduce glare, UV damage, can improve aesthetics of the building, and offer different levels of privacy depending on the product chosen.

INDOOR ENVIRONMENTAL QUALITY **EQ Credit 8.2** **DAYLIGHT & VIEWS** **Views for 90% of Spaces**	**Intent:** Provide for the building occupants a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building. **Requirements:** Achieve direct line of sight to the outdoor environment via vision glazing between 2'6" and 7'6" above finish floor for building occupants in 90% of all regularly occupied areas. Determine the area with direct line of sight by totaling the regularly occupied square footage that meets the following criteria: -In plan view, the area is within sight lines drawn from perimeter vision glazing, -In section view, a direct sight line can be drawn from the area to perimeter vision glazing. 3M™ Window Film can reduce the heat gain to improve the efficiency of your space and therefore allow additional glazing to be installed to meet this requirement.

Note: USGBC does not certify, promote or endorse products and services of individual companies. Products and services do play a role and can help projects with credit achievement.

3M

3M™ Window Film
www.3m.com/windowfilm

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