Sustainable Design Information Sheet for 3M™ FASARA™ Glass Finishes

March 2012

SECTION I. PRODUCT INFORMATION
Product Name: 3M™ Fasara™ Glass Finishes

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 1970s 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 Fasara glass finishes as it pertains to the LEED® Rating System.

Green Building Design and Construction, 2009 (Updated June 2010)			
Credit Name	**Intent**	**Requirement**	**Points Available**
SS Credit 8, Light Pollution Reductions	To minimize light trespass from the building and site, reduce sky-glow to increase night sky access, improve nighttime visibility through glare reduction and reduce development impact from lighting on nocturnal environments.	Project teams must comply with 1 of the 2 options for interior lighting AND the requirements for exterior lighting. Option 1 does not apply. Option 2: All openings in the envelope (trans-parent or translucent) with a direct line of sight to any nonemergency luminaires must have shielding (controlled/closed by automatic device for a resultant transmittance of less than 10% between 11 pm and 5 am). Depending on the pattern chosen and when used in conjunction with devices designed to limit the transmittance of light from interior spaces, Fasara glass finishes can assist with glare reduction and overall light trespass from buildings.	NC: 1 Schools: 1 CS: 1
MR Credit 1.2 Building Reuse - Maintain Interior Nonstructural Elements	To extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impact of new buildings as they relate to materials manufacturing and transport.	Use existing interior nonstructural elements (e.g., interior walls, doors, floor coverings and ceiling systems) in at least 50% (by area) of the completed building, including additions. If the project includes an addition with square footage more than 2 times the square footage of the existing building, this credit is not applicable. Fasara glass finishes are designed to be applied to existing windows. When a fresh new look is needed, save the cost of scrapping and replacing windows by removing the existing film and applying a new innovative design.	NC: 1 Schools: 1 CS: NA
MR Credit 3 Material Reuse	To reuse building materials and products to reduce demand for virgin materials and reduce waste, thereby lessening impacts associated with the extraction and processing of virgin resources.	Use salvaged, refurbished or reused materials, the sum of which constitutes at least 5% or 10%, based on cost, of the total value of materials on the project. The minimum percentage materials reused for each point threshold is as follows 5% - 1 point 10% - 2 points Fasara glass finishes are designed to be applied to new or existing windows. When a fresh new look is needed, save the cost of scrapping and replacing windows by removing the existing film and applying a new innovative design.	NC: 1-2 Schools: 1-2 CS: 1

Green Interior Design and Construction, 2009			
Credit Name	**Intent**	**Requirement**	**Points Available**
MR Credit 1.2, Building Reuse - Maintain Interior Nonstructural Elements	To extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impact of new buildings as they relate to materials manufacturing and transport.	Maintain at least 40% or 60% by area of the existing non-shell, nonstructural components (e.g., walls, flooring, and ceiling systems). Fasara glass finishes are designed to be applied to existing windows. When a fresh new look is needed, save the cost of scrapping and replacing windows by removing the existing film and applying a new innovative design.	CI 40% = 1 60% = 2
MR Credit 3.1 Material Reuse	To reuse building materials and products to reduce demand for virgin materials and reduce waste, thereby lessening impacts associated with the extraction and processing of virgin resources.	Use salvaged, refurbished or reused materials, the sum of which constitutes at least 5% or 10%, based on cost, of the total value of materials on the project. The minimum percentage materials reused for each point threshold is as follows 5% - 1 point 10% - 2 points Fasara glass finishes are designed to be applied to new or existing windows. When a fresh new look is needed, save the cost of scrapping and replacing windows by removing the existing film and applying a new innovative design.	CI 1-2