

# Sustainable Design Information Sheet for 3M™ DI-NOC™ Architectural Finishes

Feb. 2011

## SECTION I. PRODUCT INFORMATION

Product Name: 3M™ DI-NOC™ Architectural Finishes

## 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 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.

## SECTION III.

This credit summary is an Impact Analysis of 3M™ DI-NOC™ Architectural Finishes as it pertains to the LEED® Rating System. The credits apply to LEED for New Construction (LEED-NC), LEED for Existing Buildings (LEED-EB) and LEED for Commercial Interiors (LEED-CI).

MATERIALS AND RESOURCES				
LEED Rating Systems	Credit Name	Intent	Requirements	Points Available
<b>LEED NEW CONSTRUCTION</b>				
LEED- NC - 2009 (LEED- New Construction v3)	MR Credit 1.1 Building Reuse- Maintain Existing Walls, Floors, and Roof	To extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport	Maintain the existing building structure (including structural floor and roof decking) and envelope (the exterior skin and framing, excluding window assemblies and non-structural roofing material). The minimum percentage building reuse for each point threshold is as follows:  3M™ DI-NOC™ Architectural Finishes can contribute to these credits by maintaining the existing stock of walls, doors and frames, built in case goods, etc. through its innovative architectural finishes. With its variety of textures and patterns, these substrates and more, can be refreshed to a totally new look and feel.	55% = 1 75% = 2 95% = 3
	MR Credit 1.2 Building Reuse- Maintain Interior Nonstructural Elements	To extend the lifecycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts 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.  3M™ DI-NOC™ Architectural Finishes can contribute to these credits by maintaining the existing stock of walls, doors and frames, built in case goods, etc. through its innovative architectural finishes. With its variety of textures and patterns, these substrates and more, can be refreshed to a totally new look and feel.	1
	MR Credit 3 Materials 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.  3M™ DI-NOC™ Architectural Finishes can contribute to opportunities to incorporate salvaged materials, found both on- and off-site, into project design and can expand the arena of potential material reuse for suppliers through its innovative architectural finishes. Example: Door converted to table, salvaged (previously used) materials such as paneling, doors and frames, cabinetry and other decorative items.	5% = 1 10% = 2

MATERIALS AND RESOURCES				
LEED Rating Systems	Credit Name	Intent	Requirements	Points Available
<b>LEED - COMMERCIAL INTERIORS</b>				
LEED -CI 2009 (LEED Commercial Interiors- v3)	MR Credit 1.2 Building Reuse- Maintain Interior Nonstructural Elements	To extend the lifecycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts 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). The minimum percentage interior component reuse for each point threshold is as follows  3M™ DI-NOC™ Architectural Finishes can contribute to these credits by maintaining the existing stock of walls, doors and frames, built in case goods, etc. through its innovative architectural finishes. With its variety of textures and patterns, these substrates and more, can be refreshed to a totally new look and feel.	40% = 1 60% = 2
	MR Credit 3.1 Materials 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 building (construction) materials, excluding furniture and furnishings. The minimum percentage materials reused for each point threshold is as follows  3M™ DI-NOC™ Architectural Finishes can contribute to opportunities to incorporate salvaged materials, found both on- and off-site, into project design and can expand the arena of potential material reuse for suppliers through its innovative architectural finishes. Example: Door converted to table, salvaged (previously used) materials such as paneling, doors and frames, cabinetry and other decorative items.	5% = 1 10% = 2
	MR Credit 3.1 Materials 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 used furniture and furnishings for 30% of the total furniture and furnishings budget.  3M™ DI-NOC™ Architectural Finishes can contribute to these credits by on-site installation of one or more of approximately 500 different architectural finishes. These finishes have been used creatively by architects and designers around the world to solve different challenges on reuse or repurposing of existing assets. For more information see your 3M™ DI-NOC™ Architectural Finishes representative.	1

MATERIALS AND RESOURCES				
LEED Rating Systems	Credit Name	Intent	Requirements	Points Available
<b>LEED - CORE AND SHELL</b>				
LEED -CS 2009 (LEED Commercial Interiors- v3)	MR Credit 1 Building Reuse- Maintain Existing Walls, Floors and Roof	To extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.	To extend the life cycle of existing building stock, conserve resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.  3M™ DI-NOC™ Architectural Finishes can contribute to these credits by maintaining the existing stock of walls, doors and frames, built in case goods, etc. through its innovative architectural finishes. With its variety of textures and patterns, these substrates and more, can be refreshed to a totally new look and feel.	25% = 1 33% = 2 42% = 3 50% = 4 75% = 5
	MR Credit 3 Materials 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%, based on cost, of the total value of materials on the project.  Include only materials permanently installed in the project. Furniture may be included if it is included consistently in MR Credit 3  3M™ DI-NOC™ Architectural Finishes can contribute to opportunities to incorporate salvaged materials, found both on- and off-site, into project design and can expand the arena of potential material reuse for suppliers through its innovative architectural finishes. Example: Door converted to table, salvaged (previously used) materials such as paneling, doors and frames, cabinetry and other decorative items.	1

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.



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