



Product Description

3M™ DI-NOC™ Glass Finishes DG Series (the "Products") are decorative films for application directly behind interior glass. These Products have a clear, pressure-sensitive adhesive on the front surface of the DI-NOC™ design, which can be seen through the glass. The Products can be used behind many glass surfaces and provide an opaque dimensional look when viewed from the front glass surface. The current Product line can be found in the 3M™ Architectural Finishes Product Catalog and 3M™ Glass Finishes Product Catalog.

i IMPORTANT NOTE

Please refer to the [3M™ FASARA™ & 3M™ DI-NOC™ Glass Finishes Installation Guide](#) for additional information on wet application. This is a wet applied product, differing from the 3M™ DI-NOC™ Architectural Finishes dry application procedure.

Featured Benefits of DI-NOC™ Glass Finishes DG Series

- Apply under glass surfaces including glass walls, panels, table tops, shelves, fixtures, and more
- Available in select opaque DI-NOC™ designs such as abstract, stone, textile, wood, metallic, and solid colors
- Provides an easy to clean, durable glass surface with a dimensional appearance
- Easy wet application virtually eliminates bubbles, simplifying and speeding the application process
- Expected performance life of five years (for indoor applications on non-perimeter glass).

Product Characteristics

The values in these tables are typical and are based on test data deemed reliable, but they are not warranted.

Characteristic		Value
Material	Film	Vinyl
	Adhesive	Pressure-sensitive acrylic, permanent
	Release Liner	Silicone-coated polyester film
Thickness	Film + Adhesive	7.28 mils (185 microns) nominal, not including release liner
	Release Liner	2.95 mils (75 microns)
Maximum Roll Size		48 in. by 82 ft. (1,220 mm by 25 m)
Maximum Weight		Approximately 30 lbs. (14 kg) for an 82 ft. (25 m) roll

Product Line

The following DI-NOC™ Glass Finishes DG Series designs are available with a minimum order quantity of one roll. Additional designs are available by special order. Contact your local sales representative or the 3M Help Center at 1-888-364-3577 for assistance.

Design Type	Product Code	Design Type	Product Code	Design Type	Product Code
Metallic	ME-432DG	Textile Silk	SI-1689DG	Abstract	FA-1678DG
Metallic Hairline	ME-379DG	Fine Wood	FW-1022DG	Stone	ST-1587DG
Metallic Hairline	ME-1716DG	Fine Wood	FW-1129DG	Stone	ST-1831DG
Textile	NU-1786DG	Fine Wood	FW-1751DG	Mortar	AE-1719DG
Textile Silk	FA-1156DG	Abstract	FA-1161DG	Solid Color	PS-503DG
Textile Silk	SI-1613DG	Abstract	FA-1528DG	Solid Color	PS-504DG

3M™ DI-NOC™ Glass Finishes DG Series

Product Performance

The values in these tables are typical and are based on test data deemed reliable, but they are not warranted.

Characteristics	Result
Adhesion After Application*	Glass: 6.85 lbs/in. (30.0 N/25 mm)
Tensile Strength	16 lbs/in. (70 N/25 mm)
Fire Resistance	When used in interior applications on glass, all patterns have a Class A fire rating per ASTM E84 (as defined in NFPA 101 "Life Safety Code").
VOC Emission Testing	CA Specification 01350 tested per CDPH Standard Method V1.2 - Compliant as low-emitting

*Test specimens were applied to the substrate and conditioned at 68°F (20°C), then peel tested at 180 degrees at a tensile speed of 12 in. (305 mm) per minute.

Optical Performance

3M™ DI-NOC™ Glass Finishes DG Series are opaque and have no measured optical properties.

Product Use

Interior Use: These Products are designed for application to building interior glass and interior glass fixtures. Use on building interior perimeter glass, meaning the interior of a glass exterior wall, is on a user test and approve basis due to the risk of thermal cracking. Such usage is not warranted.

Exterior Use: These Products are NOT designed for use on exterior glass.

Application and Removal Guidelines

Avoid scratching, denting, or stretching the Product during installation. The values in these tables are typical and are based on test data deemed reliable, but they are not warranted. See the [3M™ FASARA™ & 3M™ DI-NOC™ Glass Finishes Installation Guide](#) for additional information.

Characteristic	Value
Application Surface Type	Flat
Application Surface Material	Glass surfaces are recommended. Application to plastic is not warranted.
Application Location	All product designs are for interior applications only.
Application Temperature	54°F to 100°F (12°C to 38°C) air and application surface
Application Method	Wet application
Applied Product Shrinkage	Nominal
Applied Product Exposure Temperature	Interior applications: Maximum 176°F (80°C)
High Humidity Environments	Products are not recommended for interior applications where condensation consistently occurs.
Product Removal	3M™ Adhesive Remover Citrus Base and a stainless steel blade

NOTE: Removing the Products too quickly can result in excessive adhesive left on the substrate. Cutting the applied film into smaller strips with a stainless steel blade if needed to aid removal.

Processing Options

Processing of the Products is strictly on a user test and approve basis. The user is responsible for the results of all processing applications.

Printing

The Products are not designed for surface printing. The adhesive is located on the front surface of the DI-NOC™ design and cannot be printed on. The back surface is a solid-colored vinyl film not designed for viewing. Printing is strictly on a user test and approve basis. No warranty is made for the quality or durability of printed Product.

3M™ DI-NOC™ Glass Finishes DG Series

Cutting

Use of electronic cutting, weeding, and application tape with the Products is strictly on a user test and approve basis. The user should consider that the type of liner used for the Products is not intended for electronic cutting.

Cleaning and Maintenance

NOTE: Do NOT clean the Product until 30 days after installation.

The front glass surface can be cleaned by standard glass cleaning methods. Regular cleaning helps maintain the Product's appearance. Use only clean, nick-free tools and wipe gently only in one direction. Do NOT use ammonia, chlorine, organic-based cleaning products, polishing or cleaning compounds, sponges, brushes, or electric polishing equipment.

- If there is dust and grit, wipe it off with a soft, damp cloth.
- If it is soiled, but not gritty, use water and a squeegee.

If there is heavier soiling, use a mild liquid detergent and water solution, then clear water, and then wipe gently with a cloth wipe.

Shelf Life and Storage

Shelf Life

Apply the Product within one year of the date of purchase. The storage conditions specified in this document must be maintained for full shelf life.

Storage Conditions

- 40°F to 90°F (4°C to 32°C)
- Away from direct sunlight and high humidity
- Clean, dry area
- Original container with end caps, in the plastic sleeve, stored horizontally, a maximum of six cartons high

LEEDv4 Credits

This section describes some of the options for acquiring LEED credits using 3M™ DI-NOC™ Glass Finishes DG Series.

NOTE: Each application is different. It is the sole responsibility of the end user to evaluate and determine whether LEED credits can be obtained.

ID+C MR Credit, Interiors Life-Cycle Impact Reduction

- Option 1: Interior Reuse - The Products can be used to refinish salvaged, refurbished, or reused building materials.

ID+C, BD+C EQ Credit, Low-Emitting Materials

- The Products have been tested to and are in compliance with the General Emissions Evaluation (California Department of Public Health [CDPH] Standard Method V1.2).

BD+C MR Credit, Building Life-Cycle Impact Reduction

- Option 3: Building and Material Reuse - The Products can be used to refinish salvaged, refurbished, or reused building materials.

O+M MR Credit, Purchasing - Facility Maintenance and Renovation

- The Products can be used to refinish salvaged, refurbished, or reused building materials.
- The Products have been tested to and are in compliance with the General Emissions Evaluation (CDPH Standard Method V1.2)

BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION INFORMATION

Environmental Product Declaration (EPD) or Life Cycle Analysis (LCA)

EPD and/or LCA information is not available.

Raw Material Source and Extraction Reporting

Raw material source and extraction information for these Products is 3M confidential and is therefore not available.

Extended Producer Responsibility

Take-back or recycling programs for these Products are not available.

Bio-based Materials

The Products have not been tested to ASTM D6866.

Wood Products

The Products do not contain wood-based materials.

Materials Reuse

The Products can be used to refinish salvaged, refurbished, or reused building materials.

Recycled Content

The Products do not contain pre- or post-consumer recycled content.

Health and Safety

CAUTION

When handling any chemical products, read the manufacturers' container labels and the safety data sheets (SDS) for important health, safety, and environmental information. To obtain SDS for 3M products go to [3M.com/SDS](https://www.3m.com/SDS). To request SDS by mail, or in case of an urgent situation, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturer's instructions for safe operation.

WARNING

To reduce the risks of personal injury and/or property damage associated with glass breakage:

A glass surface covered by film with areas of high opacity or dark-colored ink will absorb more heat than other glass surfaces when exposed to sunlight. Heat absorption can create thermal expansion potentially resulting in glass breakage or cracking. Do NOT use a film with areas of high opacity or dark-colored ink on glass surfaces with significant exposure to sunlight.

Warranty Information

Products

3M™ DI-NOC™ Glass Finishes DG Series (the “Products”) are decorative films for use in interior glass applications in commercial buildings (“Interior Applications”).

3M Limited Warranty

1. 3M makes the following warranty (the “3M Limited Warranty”) for the applicable time period stated below (“Warranty Period”), which will begin on the Product installation date.
2. The Product will have no significant discoloration, cracking, or other similar visual defects for the applicable time period below:

Application		Warranty Period
Interior Applications	Excluding building perimeter glass	3 years
	Building perimeter glass	Not warranted
Exterior Applications		Not warranted
Plastic application surfaces		Not warranted

3. For a buyer’s convenience, 3M may provide engineering or technical information, recommendations, installation instructions, and other information or materials relating to a Product (“Other Product Information”), but 3M makes only the 3M Limited Warranty and does not warrant any Other Product Information.
4. 3M has no obligation under the 3M Limited Warranty as to Product that has been: (a) modified, altered, or processed in any manner; (b) stored, applied, installed, or used in a manner other than that 3M recommends in this document and in all Other Product Information; (c) damaged through contact with a person or thing, misuse, accident, neglect, or other action by anyone other than 3M; (d) improperly installed, including, without limitation, installation after the expiration of the Product’s shelf life or installation without proper surface preparation; or (e) exposed to excessive heat, humidity, dirt, or UV light.
5. 3M must receive any 3M Warranty claim in writing no later than (a) the end of the Warranty Period or (b) the discovery of the 3M Warranty claim, whichever is earlier.

Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use

Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment, reviewing all applicable regulations and standards, and reviewing the product label and use instructions. Failure to properly evaluate, select, and use a 3M product in accordance with instructions or to meet all applicable safety regulations may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Commercial Branding and Transportation

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Revision C, March 2024 Please recycle.

