

Introduction

3M™ DI-NOC™ Exterior Series Architectural Finishes and 3M™ Comply™ Adhesive Series 180mC with Overlaminates (3M™ Scotchcal™ Gloss Overlaminates 3658C and 3M™ Scotchcal™ Matte Overlaminates 3660M) (the “Solution(s)”) are durable, dimensionally stable, and weather-resistant surface finishes for exterior applications. These solutions are designed to maintain consistent finish and colour, despite UV exposure and other conditions.*

Products Covered

- **Solution 1:**
3M™ DI-NOC™ EX Series Architectural Finishes
- **Solution 2:**
3M™ Controltac™ Graphic Film with Comply™ Adhesive 180mC laminated with Overlaminates:
 - 3M™ Scotchcal™ Gloss Overlaminates 3658G
 - 3M™ Scotchcal™ Matte Overlaminates 3660M

Featured Benefits

- **Applications** – Ideal for building façades (ie. cladding), window frames, doors, columns, walls and more.
- **Application Surfaces** – Recommended for metal and other smooth, non-porous exterior application surfaces.
- **Aesthetics** – Resemble natural materials and other types of surfaces to deliver the look you want.
- **Remodel and Reuse** – Goes up fast and brings new life to existing assets. Ideal for converting exterior spaces to reflect an entirely new design.
- **Easy Application** – 3M™ Comply™ Adhesive technology virtually eliminates bubbles, simplifying and speeding application.¹
- **Expected Performance Life** – Up to 12 years for outdoor, vertical applications depending on the climate.²

Products' Characteristics, Performance & Use

Important Note: The user is solely responsible for evaluating and determining whether these 3M products are suitable and appropriate for any particular use or manufacturing process in which they may be used. Please refer to the individual technical data sheets for additional information.

3M™ DI-NOC™ Exterior Architectural Finishes

3M™ Controltac™ Graphic Film with Comply™ Adhesive 180mC

3M™ Scotchcal™ Overlaminates 3660M & 3658G

Consider These Factors in Determining the Suitability of the Product

Be sure you understand the unique characteristics of these products and consider them in determining whether the product is suitable for your use. Please refer to the [\(3M™ DI-NOC™ Architectural Finishes Installation Guide\)](#) and [\(3M™ DI-NOC™ Surface Preparation Guide\)](#) for additional information.

1. Substrate texture affects product adhesion and application ease.

- Unless the substrate is very smooth, its texture may be visible through the product.
- Compounds used to smooth a textured substrate permanently change that substrate.
- Product removal may damage the substrate or its finish.

2. Application surface conditions affect product adhesion.

- Ensure that the existing paint, surface finish or wall covering has excellent bond to the substrate area where the product will be applied.
- Repair, prime and paint the substrate as needed.
- An adhesion promoter may be required to increase product adhesion.

3. Human and environmental conditions.

- Application temperature in recommended range.
- Unsealed substrates in front of water sources.
- People or equipment that will be in contact with the product.

4. The product may contain a splice. The location of the splices is marked with a tab along the edge of the product. The installer will need to determine the impact of the splice and work around it to make the best use of the material layout.

Factors That Affect Performance Life

The actual performance life of the product is affected by:

- Selection, condition and preparation of the application surface.
- Application surface texture.
- Application technique.
- Angle and direction of sun exposure.
- Environmental conditions.
- Cleaning or maintenance methods.

* Based on vigorous 3M testing, both at outdoor testing sites across the globe, as well as our industry-leading Weathering Resource Center.
1 - Compared to 3M Adhesive technology without 3M Comply.
2 - Based on vigorous 3M testing, both at outdoor testing sites across the globe, as well as our industry-leading Weathering Resource Center.

3M™ Exterior Architectural Finishes Solutions

	Solution #1	Solution #2
Product Construction	3M™ DI-NOC™ Exterior Series	3M™ Controltac™ Graphic Film with Comply™ Adhesive Series 180mC with Overlaminates (3M™ Scotchcal™ Gloss and Matte Overlaminates 3658G or 3660M)
Can be Printed	No	No
Overlaminates Required	No	Yes 3M™ Scotchcal™ Gloss Overlaminates 3658G or 3M™ Scotchcal™ Matte Overlaminates 3660M
Expected Performance Life <small>(unwarranted period for unprinted film with no graphic protection, applied to a flat, vertical, outdoor surface)</small>	Up to 12 years	Up to 10 years
Warranty <small>(applied to a flat, vertical, outdoor surface with the recommended overlam)</small>	10 years	Up to 8 years* (8 years for solid colours and 6 years for metallic)
Patterns Available	Woodgrain, Metallic, Single Colour, Abstract	Over 100 standards colours (Solid & Metallic) plus custom colour availability
Applications	Ideal for building façades (ie. cladding), window frames, doors, columns, walls and more	Ideal for building façades (ie. cladding), window frames, doors, columns, walls, glass and more
Surface Type	Flat and simple curves	Flat, simple curves, compound curves and corrugations
Recommended Substrates	Smooth, non-porous application surfaces, such as aluminium, galvanized steel, and painted metal <small>(check adhesion to powder-coated or water-based paints)</small>	ABS resins, aluminium, chrome, glass (except for spandrel glass), fibreglass-reinforced plastics, paint <small>(check adhesion to powder-coated or water-based paints)</small>

3M™ Exterior Architectural Finishes Solutions

Warranty

Products

3M™ DI-NOC™ EX Series Architectural Finishes and 3M™ Adhesive Series 180mC with Overlaminate (3M™ Scotchcal™ Gloss Overlamine 3658C and 3M™ Scotchcal™ Matte Overlamine 3660M) (the “Product(s)”) are decorative films for use in vertical, exterior applications on commercial buildings (“Exterior Applications”).

3M Basic Product Warranty

The product(s) specified in this document are warranted to be free of defects in materials and manufacture (“3M Basic Product Warranty”) on the date of shipment (“Warranty Period”) by 3M or its authorized distributor.

Limited Warranty

1. For products used in Exterior Applications in Canada, 3M makes the following warranty (the “3M Limited Warranty”) for the applicable time period stated below (“Warranty Period”), which will begin on the earlier of: (a) product installation date; or (b) six months after 3M’s product shipment date. The product will have no significant discoloration, cracking, wrinkling or other similar visual defects for the applicable time period below.

Application	3M™ Exterior DI-NOC™	180mc with 3658 or 3660
Vertical ¹ , Exterior Applications	10 years ²	8 years for Solid Colours & 6 years for Metallic ³

1 - Non-vertical applications are not warranted.

2 - Application to glass is not warranted due to risk of glass breakage caused by thermal expansion.

3 - Glass breakage is not covered.

2. For a buyer’s convenience, 3M may provide engineering or technical information, recommendations, installation instructions or guides, and other information or materials relating to a product (“Other product Information”), but 3M makes only the 3M Basic Product Warranty and the 3M Limited Warranty, and does not warrant any Other product Information.
3. 3M has no obligation under the 3M Basic Product Warranty or 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 the product’s shelf life or installation without proper surface preparation; (e) exposed to excessive heat, humidity, dirt or UV light, or (f) installed on a glass application surface or in a non-vertical application.
4. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, THE 3M BASIC PRODUCT WARRANTY AND THE 3M LIMITED WARRANTY ARE MADE IN LIEU OF ALL OTHER WARRANTIES, RIGHTS OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE AND THOSE ARISING FROM A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. THE BUYER IS RESPONSIBLE FOR DETERMINING IF A PRODUCT IS SUITABLE FOR ITS PARTICULAR PURPOSE AND APPLICATION METHODS.
5. 3M must receive any 3M warranty claim in writing no later than 10 business days after (a) the end of the applicable Warranty Period or (b) the discovery of the 3M warranty claim, whichever is earlier.

Limited Remedy: IF ANY PRODUCT IS PROVEN NOT TO HAVE MET THE 3M BASIC PRODUCT WARRANTY OR THE 3M LIMITED WARRANTY DURING THE WARRANTY PERIOD, THEN THE BUYER’S EXCLUSIVE REMEDY, AND 3M’S SOLE OBLIGATION, WILL BE, AT 3M’S OPTION, TO REPLACE THE NONCONFORMING PRODUCT OR TO REFUND THE NONCONFORMING PRODUCT’S PURCHASE PRICE.

No Extension of Warranty: In the case of an approved warranty claim, the replacement product will carry only the remaining term of the original warranty period.

Limitation of Liability: EXCEPT WHERE PROHIBITED BY LAW, 3M WILL NOT UNDER ANY CIRCUMSTANCES BE LIABLE TO A BUYER FOR DIRECT (other than the Limited Remedy stated above), SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES (INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS) IN ANY WAY RELATED TO THE PRODUCT, THE TECH DATA SHEET OR OTHER PRODUCT INFORMATION, REGARDLESS OF THE LEGAL OR EQUITABLE THEORY ON WHICH SUCH DAMAGES ARE SOUGHT.



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