



DI-NOC™ Architectural Finishes for Bathroom

Description

3M™ DI-NOC™ Architectural Finishes for Bathroom is a special film developed exclusively for interior damp and humid environments such as bath rooms, shower cells, toilets, kitchens, fitness centres, saunas, etc. Because of its light weight, limited thickness and consequently high flexibility and high quality applications it is easier and faster when using on traditional panels or tiles. It is no longer necessary to take away the existing substrate.

Product Line

- The 3M™ DI-NOC™ Architectural Finishes for Bathroom **Film** range is suited for wall surfaces and ceilings
- The 3M™ DI-NOC™ Architectural Finishes for Bathroom **Tile** range is developed for application on top of installed tiles
- The 3M™ DI-NOC™ Architectural Finishes for Bathroom **Floor** range is developed for floor coverings

Construction

- Film – PVC free with special fluoride coating
- Adhesive – Acrylic synthetic resin:
- Liner – White Kraft paper

Effective Performance Life

The warranty for 3M DI-NOC Architectural Finishes for Bathroom for exterior decoration as stated herein does not extend to automotive or personal vehicle applications which have to conform to OEM automotive specifications. When applied in accordance with 3M recommended procedures, the following performance may be expected. The warranty applies to films that are exposed exterior at a vertical angle (defined as +/- 10°). A significant decrease in durability may be experienced if films are exposed other than vertically. Such non-vertical applications must be on a test and approval basis to determine acceptability. 3M does not warrant horizontal exposures of interior 3M DI-NOC Architectural Finishes for Bathroom.

Fabrication

Printing

Not recommended

Cutting

On plotter: Not recommended
Hand cutting: No problem

Application

Application is recommended on flat and slight radius surfaces.

Typical application surfaces are aluminium, steel, painted surfaces, plastic, laminates, tiles, wallboard, residential plastering, etc.

Warranty

- 1 years Warranty System on interior decorations.
- No warranty on exterior applications.

Physical and Chemical Properties

Values given are typical and are not for use in specifications. If a custom specification is desired, a request should be submitted through your sales representative.

Physical Properties

Property	Metric Units
Thickness (Film + Adhesive)	220 – 260 mm depends on type of film
Elongation	< 10%
Dimensional Stability (X-gash)	< 0.3 mm
Abrasion Resistance Taber abrasion (1 kg load, CS - 17 wheels)	Very slight trace No effect on weight
Impact Resistance (Gardner at -10°C), 2 lb X 5 inch at 4°C	No cracking with 9 joule
Humidity Resistance (40°C, 95% humidity)	No effect
Water Resistance (40°C, 7 days)	No effect
Stain Resistance (18 hrs in 1% saltwater)	No effect
Hydrochloric acid 10%	Edge lifting

Adhesion (N/25 mm)

Substrate	Adhesion
Alodine aluminum	> 40

Flammability

3M DI-NOC Architectural Finishes for Bathroom is tested according to IMO (International Maritime Organization) and fulfilled the following requirements of IMO Resolution A.653 (16):

IMO Resolution MSC.61 (67), Annex 1, Part 5, - surface flammability

IMO Resolution MSC.61 (67), Annex 1, Part 2, - smoke & toxicity

Cleaning/Maintenance

For cleaning of applied 3M DI-NOC Architectural Finishes for Bathroom use a soft textile with detergent and warm water. For heavy dirt accumulation use detergent and water at 70°C – 80°C.

Removal

3M DI-NOC Architectural Finishes for Bathroom are removable with a heat gun at 80°C – 100°C.

Shelf Life, Storage, Shipping

The fabricator may store unprinted film for a period of up to two years. Film and markings must be stored in a clean area, free from excessive moisture and direct sunlight, with ambient temperatures of 35°C or less.

Important Notice

This bulletin provides technical information only. All questions of warranty and liability relating to this product are governed by the terms and conditions of the sale, subject, where applicable, to the prevailing law. Before using, the user must determine the suitability of the product for its required or intended use, and the user assumes all risk and liability whatsoever in connection therewith.

For Further Assistance

For help on specific questions relating to 3M DI-NOC Architectural Finishes for Bathroom, or any other Architectural Market Department products, contact your local Technical Service representative or

3M Deutschland GmbH
Display & Graphics Laboratory
Carl-Schurz-Str. 1
D-41453 Neuss
Germany

Internet: www.3M.eu/ArchitecturalMarkets