Science.
Applied to Life.™

3M™ DI-NOC™ Architectural Finishes

Make your design dreams a reality

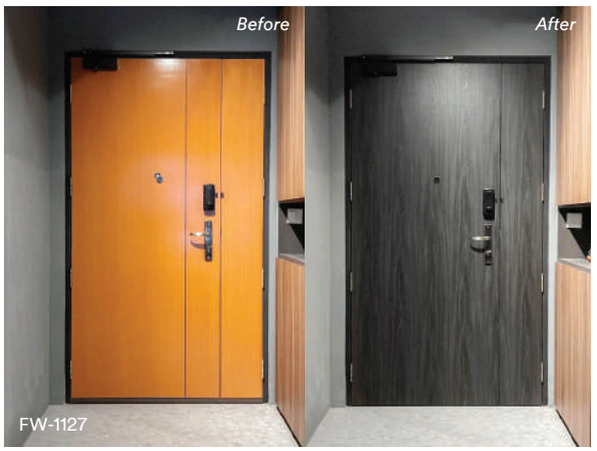
Version 2 (Existing stock)

Walnut

WG-1840

FW-795

FW-1122



FW-1983 NEW

WG-1708

FW-7009

FW-1022

Stone

ST-1831

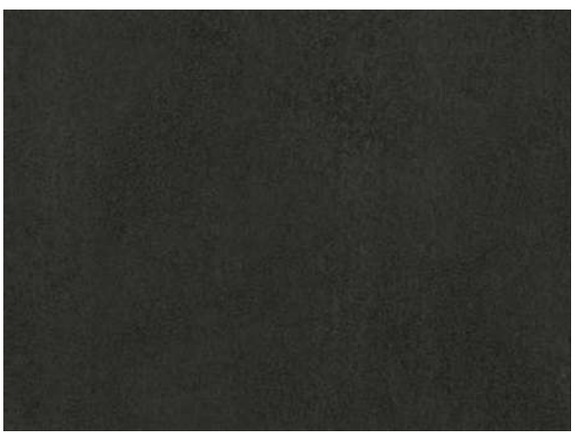
ST-1586

ST-1587

Mortar / Stucco

AE-1637

AE-1638



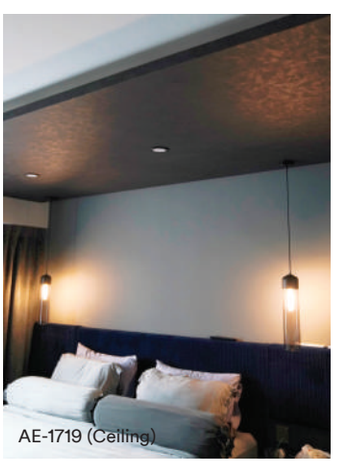
AE-1719

Metal / Hairline Metal

PA-183 AR

PA-181 AR EX

PA-390 EX



AE-1719 (Ceiling)

ME-380

ME-379

ME-396 AR EX

Unique Wood

WG-960

FW-7011

WG-1142

FW-1275

Solid Colour

PS-959

PS-1187

PS-952

PS-949

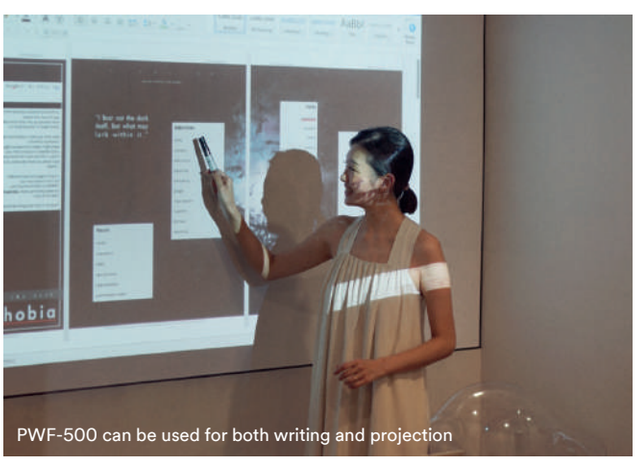
PS-910

PS-1183 (PS-1183MT)

Whiteboard

PWF-500

WH-111



PWF-500 can be used for both writing and projection

Oak

FW-1255

WG-696

FW-1770

FW-236 AR EX

FW-237

FW-1127

Maple

WG-1378

FW-1262

WG-836

Pattern is large scale; view full pattern width images at 3M.com/AMD
AR Available in Abrasion Resistant (AR) Series
EX Available in Exterior (EX) Series

Technical Information

Product Description

3M™ DI-NOC™ Architectural Finishes are decorative surface finishes for interior and exterior applications, available in 1000+ designs. These decorative films are easy to install and conform to a variety of flat or curved surfaces including walls, panels and ceilings. From industrial concretes to elegantly aged woods; vibrant pops of colour to rich marbles, 3M DI-NOC Finishes marry innovative aesthetics and intelligent design.

Featured Benefits of DI-NOC Architectural Finishes

- Interior Applications - Ideal for casework, doors, columns, walls and more.
- Exterior Applications - Ideal for façades, window frames, doors, columns, walls and more.
- Application Surfaces - Use on metal, wood, glass and more.
- Aesthetics - Resemble natural materials and other types of surfaces to deliver the look you want.
- Remodel and Reuse - Goes up fast, with less likelihood of error and waste, and brings life to existing assets. The architectural finishes convert wood or metallic spaces to reflect an entirely new design with abstract or colored finishes.
- Easy Application - 3M™ Comply™ Adhesive technology virtually eliminates bubbles, simplifying and speeding application. It also bonds powerfully to many substrates.

DI-NOC Series Selection

It is important to consider the intended use when selecting DI-NOC patterns. Please refer to the most up-to-date 3M™ DI-NOC™ Architectural Finishes Technical Data Sheet and Installation Guide, which can be found by visiting 3MArchitecturalMarkets.com. You may also contact JESTAC, 3M Authorized Distributor for additional information.

Product Characteristics

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

Characteristic		Value
Material	Film	Vinyl for most patterns; Polyolefin for E-series; Polyester for select patterns such as WH-111
	Adhesive	Pressure-sensitive acrylic, permanent
	Release Liner	Silicone-coated poly paper
Thickness	Film + Adhesive	8 mils (200 microns) nominal, not including release liner; Some designs vary slightly in thickness due to embossing
	Release Liner	6.2 mils (157 microns)
Roll Size	Standard & E Series	48 in. x 164 ft. (1220mm x 50m)
	AR, WG,-GN, VM, ET	48 in. x 82 ft. (1220mm x 25m)
Weight		55 lbs. (25kg) (approx.) for a 164 ft. (50m) roll

Product Performance

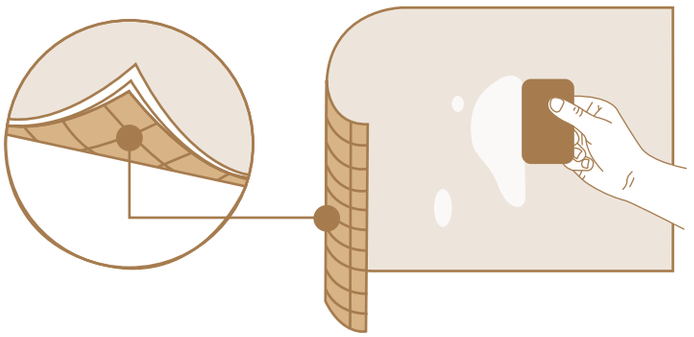
The values in these tables are typical, and are based on test data deemed reliable but are not warranted.

Characteristic	Evaluation	Results
Heat Resistance*	Aged at 150˚F (65˚C) for 28 days.	No delamination or visible change
Moisture Resistance*	Aged at 104˚F (40˚C), 95% humidity for 30 days	No delamination or visible change
Ultraviolet Light Exposure	Exposed to carbon arc accelerated UV light for 250 hours	No visible change
Abrasion Resistance	Taber® CS-17 Abrasion wheel: 1 Kg loading weight, 7,000 cycles	No wear-through of surface finish
Fire Resistance	When used in Interior Applications as defined by NFPA 101 “Life Safety Code”, Test Method ASTM E84	Most Products have Class A
Industry-Specific Testing	IMO Certification/USCG Type Approval, Intertek Firedoor, and CAN/ULC-S102.2	Contact 3M for certification details

** Product applied to an aluminium plate*

Comply™ Adhesive Technology

Comply Adhesive has air-release channels that allow trapped air bubbles to escape during application. Dry application only.



Stain Resistance

Contaminant was in contact with the film surface for 24 hours and then removed using water or mild detergent. Results may vary.

Contaminant	Results
Coffee	●
Tea	○
Cola	●
Vinegar	●
Red Wine	●
Soap Solution (1%)	●
Ethyl Alcohol (50%)	●

● *Removed with water*
○ *Removed with mild detergent*

Cleaning and Maintenance

Regular cleaning will help maintain the appearance of the finish. Use mild detergent and water, and a soft cloth or sponge without abrasives. For difficult stains, spot clean with a diluted Isopropyl Alcohol solution and a soft cloth. Avoid using strong solvents or detergents that are either highly alkaline (pH>11) or acidic (pH<3). Do not use ammonia, chlorine, or strong organicbased cleaning products, polishing or cleaning compound, hard-bristle brushes or electric polishing equipment. Use only clean, nickfree tools and wipe gently.

Problem	Solution
Dust and grit	Wipe with a soft, damp cloth.
Soiled (but not gritty)	Use water and a soft cloth
Heavily Soiled	Clean first using a solution of mild liquid detergent and water, then use clear water. Wipe gently with a soft cloth.
Difficult Stains	Spot clean with 70/30 IPA (70% Isopropyl Alcohol/30% Water) cleaning solution.

Resistance to Solvents, Cleaners and other Chemicals

Film was applied to an aluminium plate, left for 72 hours, then immersed in the following chemicals:

Contaminant	Results	Immersion Time	Result
Water	Water	24 hours	No visible change
Acid	Chloride (10%)	24 hours	No visible change
	Hydrogen Peroxide	72 hours	No visible change
Base (Alkali)	Sodium Hydroxide 10%	24 hours	No visible change
Alcohol	Ethanol	24 hours	No visible change
	Isopropyl Alcohol	72 hours	No visible change

Application and Removal Guidelines

The values in this table are typical, and are based on test data deemed reliable but are not warranted. Refer to the 3M™ DI-NOC™ Architectural Finishes Installation Guide for additional information.

Characteristic	Value
Application Surface Type	Smooth, hard, non-porous (sealed) material
Application Location	Interior & Exterior (EX Series)
Application Temperature	54-100˚F (12-38˚C) air and application surface
Application Method	Dry Application
High Humidity Environments	Products are not recommended for Interior Applications where condensation consistently occurs.

Interested to use 3M™ DI-NOC™ Architectural Finishes for a refurbishment?
We are just a phone call or e-mail away.

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