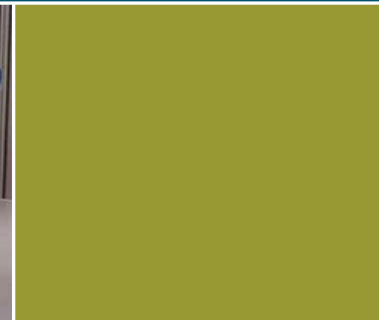


What is 3M™ Di-Noc



3M Architectural Design Solutions



What is 3M™ Di-Noc

3M DI-NOC™ is a range of self-adhesive films available in 25 sophisticated stock colours with patterns that include woodgrain, metallics and solids, allowing for perfect integration into both new design projects and refurbishments.

They offer unlimited creative flexibility and architectural freedom at reduced cost, compared to traditional materials used in construction and maintenance. It's applications are diverse, from buildings, hotels and offices to public transport and marine, even displays and equipment.





What is 3M™ Di-Noc

DI-NOC™ comprises of a further 450 patterns and colours that are available in stock and for a minimum quantity order of one roll.

DI-NOC™ is flame retardant and complies with Australian standards. It has excellent resistance to water, dirt, impacts, abrasion and mould. It is also IMO certified for the marine sector and the PS Single Colour Series are treated anti-bacterial, which makes them suitable for application in hospitals and other environments, where hygiene is required.





Product Specifications and Characteristics

Product construction

- PVC, cadmium-free laminate film with an elongation of > 100 %,
- Thickness (film + adhesive) : 215 micron
- Permanent acrylic adhesive with Comply™ Performance
- PE coated Kraft paper liner

Abrasion resistance

Product applied to an aluminium plate and exposed to 7000 cycles using a Taber Abrader CS-17 with a 1 kg load weight. Test result : no pattern change

Heat resistance

Product applied to an aluminium plate and aged for 28 days at 65°C. Test result: minimal change to adhesion and film appearance.





Product Specifications and Characteristics

Chemical Resistance

Product applied to an aluminium panel, conditioned for 72 hours and then immersed in the chemical agents listed below

Chemical Agent	Exposure Time	Result
Heptane	5 hours	No Effect
Ethyl alcohol	5 hours	No Effect
Water	7 days	No Effect
Salt Spray (5%, 43°C)	7 days	No Effect

Flammability

DI-NOC™ products comply with AS/NZS 3837:1998 Class 2.

Please consult your 3M representative for more information on the specific certificates and test results relating to each pattern.



Stain Resistance

DI-NOC™ Product applied to an aluminium panel and placed in direct contact with the substances listed below. No effect.

The substances were Milk, Coffee, Coca™Cola, Wine, Lemon juice, Tea, Vinegar, Soybean oil, Salt water (1%), Ammonium water, Soap water (1%), Synthetic detergent, Hydrochloric acid (10%), Sodium hydroxide (10%)

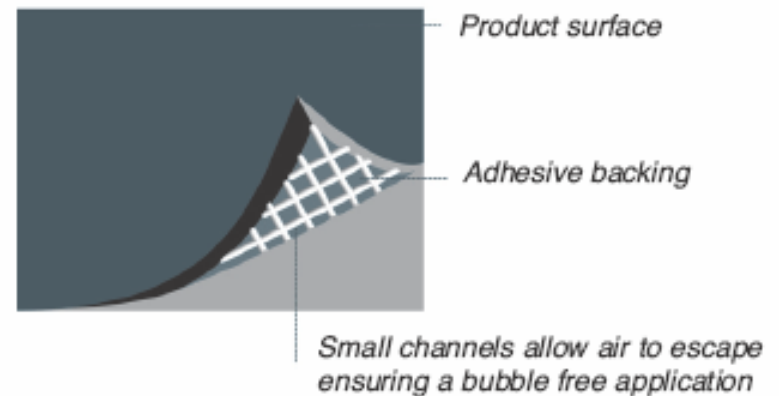




Installation/Maintenance

Unique Comply™ Technology

3M DI-NOC™ Film uses an adhesive system with grid-like channels on the adhesive surface, allowing air to escape during application. Air bubbles trapped between the material and the film can escape along these tracks, making applications to a large and complicated surface easier and ensuring a perfect finish.





Installation/Maintenance

Warranted Installation

3M DI-NOC™ Films reduced thickness enables installations that are lighter in weight than traditional panelling and its self-adhesive feature allows for easy application on site, leading to reduced labour cost and down time.

3M have an established network of accredited applicators who will ensure the quality of the product is maintained and therefore, depending on the colour/patterns selected, warranted for 10 years for indoor applications and up to 4 years for outdoor.





Installation/Maintenance

Primer

Generally there is no need to use primer for standard application. In case the surface energy of the substrate is low or if the application is on critical surfaces with sharp radius, EC-1368 (solvent based) and WP-2000 (water based) primers can be used. High surface energy substrates such as metal don't require usage of primers. Priming is required at any overlap and end /edge of the film, i.e. underneath the butt join. Consult the product and instruction bulletins for more detailed information.





Installation/Maintenance

Cleaning and maintenance

Use a soft textile with detergent and water. In case of heavy dirt accumulation use detergent and water at 70° to 80°C. In extreme situations, diluted 3M Film Cleaner can be used.





Application Ideas

DI-NOC™ was originally designed many years ago for application to the outside panels of automobiles. It was therefore constructed to withstand the effects of weather, wear and tear. With these strengths, it has become an indispensable tool for many architects and designers, when creating special features and effects.

It offers a cost-effective and creative solution to many decoration, refurbishment and resurfacing problems. It has successfully been used in many market segments including retail, commercial, exhibition, marine, public transport, leisure and hospitality.





Application Ideas

Applications vary from the renovation of reception desks, walls, doors, ceilings and columns, toilets and washrooms to tables, folding partitions, lift interiors, shops, retail fixtures and fittings.

With DI-NOC™ Film, you are guaranteed reliable quality and a neat finish with every job





About the Di-Noc Patterns

The recommended applications for particular colours and patterns are represented below with symbols.



Can be used outdoor.
Can be applied on PVC coated substrates



Can be used outdoor. Can not be applied on PVC coated substrates



Not meant for 3D application



Patterns without any of these symbols, can only be used indoors.

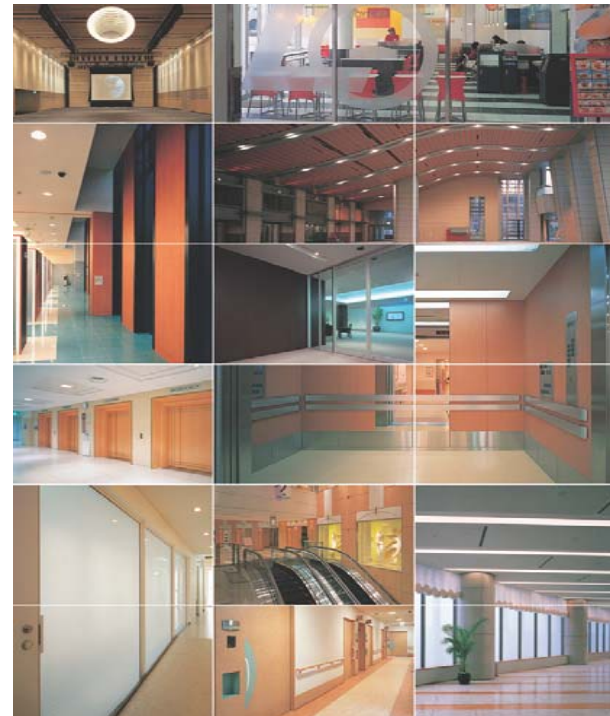
Please note all grain directions on timber and patterns run vertically through the roll. All colours and patterns have a roll width of 1220mm.



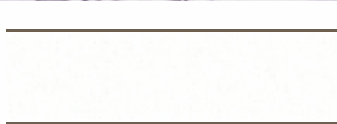

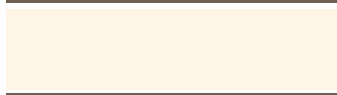




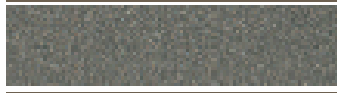



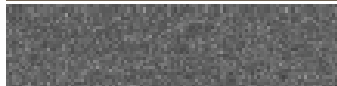
About the Di-Noc Patterns



We have referenced all the available stock colours for you on the colour sample page following and have included actual DI-NOC™ samples for each.

Please feel free to contact your representative to obtain a larger sample to use in project presentations if required.





	1. PS-503	✳	-
	2. PS-998	✳	-
	3. SE-828		-
	4. PC-672		-
	5. WG-960		1290
	6. WG-947		1290
	7. PA-183	✳	-
	8. ME-396	✳	-
	9. VM-451	✍	-
	10. ME-435	✳	-
	11. ME-377	✳	-
	12. ME-431	✳	-

	13. PS-999	✳	-
	14. NX-212	✍	-
	15. PA-389	✳	-
	16. FW-640		980
	17. PA-181	✳	-
	18. FW-627	✳	1280
	19. FW-653		990
	20. FW-655		990
	21. WG-835		990
	22. FW-236		980
	23. PA-683	✳	-
	24. FW-797		990
	25. WG-695		980

Variation in printed colour above may occur due to printing process. Please refer to actual samples for final selections.