

Avery Dennison Graphics Films Flammability and Fire Ratings

Avery Dennison have tested a range of graphics films and obtained compliance under the latest NCC specification Fire Hazard Properties.

This document provides guidance on which of our products can be used in which building types and areas.



1. Internal Building Application

What determines a Material Group Number?

The Material Group Number is determined once the material has undergone certified testing requirements under the latest NCC internal wall and ceiling Test compliance AS 5637.1:2015.

The fire hazard properties of different materials are classified as Material Group Numbers.

Material Group Numbers come in a range from Group 1 to Group 4. The lower the Material Group Number, the better the material performs in a fire. Group 1 is the best performing in a fire whereas Group 4 is the worst performing. In the tables below we have outlined what Material Group Number is required in specific areas of buildings, and what Avery Dennison films can be used in accordance with NCC Specification Fire Hazard Properties Wall and Ceiling Linings.

If in doubt, all films with a Material Group Number 1 can be used in any internal walls/ceiling building areas

What Material Group Number is required for a particular area?¹

Building type	Construction area			
	Fire isolated exits and Fire control rooms e.g. a fire-isolated stairway, elevator or ramp that leads to an exit	Public Corridors		All other areas
Select the building type from the below list	Unsprinklered or Sprinklered ²	Unsprinklered	Sprinklered	Unsprinklered or Sprinklered
<ul style="list-style-type: none"> Accommodation for the elderly, people with a disability and children Assembly buildings (Theatres, Halls, Auditoriums etc) 	Group 1	Group 1	Group 1 or Group 2	Group 1 or Group 2
<ul style="list-style-type: none"> All other buildings 	Group 1	Group 1 or Group 2	Group 1 or Group 2	Group 1 or Group 2

Products with a Material Group Number 1

If in doubt, use Group Number 1 products. All films with a Material Group Number 1 can be used in any internal walls/ceiling building areas.

	Print media	Digital overlaminate	Finish	Indoor durability
High Performance Calendered Films	MPI 2126 Hi-Tack Easy Apply™	DOL 2100 Matte	Matte	6 years^
	MPI 2611 Wall Film	DOL 2100 Matte	Matte	6 years^
		Unprotected	Satin	5 years^
	MPI 2006 HOP Hi-Tack MPI 2105 Easy Apply RS	DOL 2100 Matte	Matte	6 years^
	MPI 2631 Textured Wall Film - Canvas - Rem	Unprotected	Textured	5 years^
	MPI 2636 Textured Wall Film - Canvas - Hi-Tack			
	MPI 2636 Textured Wall Film - Stone - Hi-Tack MPI 2636 Textured Wall Film - Stucco - Hi-Tack			
Intermediate Calendered Films	MPI 2904 Easy Apply™	DOL 2100 Matte	Matte	5 years^
	MPI 2924 Easy Apply™			
	MPI 2923 Easy Apply™	DOL 2960 Gloss	Gloss	4 years^
	MPI 2902 Gloss Removable Grey Easy Apply™	DOL 2980 Matte	Matte	4 years^
	MPI 2906 Gloss Hi-Tack Grey Easy Apply™ MPI 2926 Matte Hi-Tack Grey Easy Apply™			
Monomeric Films	MPI 3026 Supertack	DOL 3100 Matte	Matte	3 years^
	MPI 3302 EA			

Products with a Material Group Number 2

Can be used in approved locations, refer to earlier table for detail

	Print media	Digital overlaminate	Finish	Indoor durability
Premium Cast	MPI 1105 Easy Apply RS™	DOL 1480Z Matte	Matte	8 years^
	MPI 1106 Easy Apply Hi-Tack			
High Performance Calendered Films	MPI 2000 Gloss	DOL 2100 Matte	Matte	6 years^
Intermediate Calendered Films	MPI 2900 Gloss	DOL 2100 Matte	Matte	5 years^
		DOL 2960 Gloss	Gloss	4 years^
		DOL 2980 Matte	Matte	4 years^
Monomeric Films	MPI 3111 Transit	DOL 3100 Matte	Matte	3 years^
	MPI 3626 Quickmount			

2. External Building Application

Introduction to external building application

The following Avery Dennison products have been tested and approved under the NCC fire standard AS/NZS 1530.3:1999*, for use on external building applications.

Products approved for external building application

		Digital overlaminate	Finish	Outdoor durability
Print media	MPI 2105 EA RS LTR	DOL 1060Z	Gloss	4.5 years^
		DOL 2000	Gloss	4 years^
Signage Film	900 SC Opaque Signage films	—	Varies	Varies
	5500 QM Translucent Signage films	—	Matte	Varies

^ Not warranted for damage or fading of inks from abrasion or chemicals. See ICS Performance Guarantee terms and conditions for full details.

* For detailed explanation, refer to NCC 2022 Volume One - Building Code of Australia Class 2 to 9 buildings - Part C2 Fire resistance and stability - Clause C2D10(6)(e) Standard Test compliance AS/NZS 1530.3:1999

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