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Bubble Free Digital Media

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Multi-Print Media

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Marking Films

2019
September | **Application Guide**
WALLS

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walls | **signage**

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IMAGin® / Macmark® / REBEL® Media

Category	Product	Product Code	Face	Thickness: Film & Adhesive	Adhesive	Liner	Width	Unprinted Outdoor Durability	Indoor Durability
Ultra-Removable	wallNOODLE	WN628	6.0 mil Matte White Vinyl	7.0 mils	Ultra Removable	90# SuperFlat™ Polycoated	54", 60"	NA	1 year
Removable	ROODLE	RO628	6.0 mil Matte White Vinyl	7.0 mils	Aggressive Removable	90# SuperFlat™ Polycoated	54", 60"	Up to 4 years, cleanly removable up to 2 years	3 to 5 years, cleanly removable up to 2 years
Removable	IMAGin DecoFresco	DF052	8.0 mil Flattened Plaster Texture White PVC	9.0 mils	Aggressive Removable	90# SuperFlat™ Polycoated	54"	Up to 3 years, cleanly removable up to 2 years	3 to 5 years, cleanly removable up to 2 years
Removable	IMAGin DecoMural	DM032	8.0 mil Woven Canvas Finish	9.0 mils	Aggressive Removable	90# SuperFlat™ Polycoated	54"	Up to 3 years, cleanly removable up to 2 years	3 to 5 years, cleanly removable up to 2 years
Removable	M•Dot	MD199	Gloss Clear Removable PVC	4.7 mils	Semi-sphere Structured, Clear Rem, Acrylic	86# White Kraft	54"		1 Year
Removable	M•Dot	MD228	Matte White Removable PVC	4.7 mils	Semi-sphere Structured, Clear Rem, Acrylic	86# White Kraft	54"		1 Year
Removable	MACmark 8900 PRO	8900	2.8 mil Vinyl, Many Matte and Gloss Colors	3.5 mils	Removable	83# Bleached White Kraft	48"	Up to 4 years, cleanly removable up to 2 years	4 to 6 years, cleanly removable up to 2 years
Aggressive Removable	Mactac wallCHALKER	CB1088R	4.7 mil Black Vinyl	5.5 mils	Aggressive Removable	83# Bleached White Kraft	24", 48"	5+ years, cleanly removable up to 2 years	2 years, cleanly removable
Removable Air-egress	IMAGin GRUV 429R	GV429R	3.0 mil Gloss White Vinyl	4.0 mils	Removable Air-egress	98# Polycoated Kraft	54"	Up to 4 years, cleanly removable up to 1 years	4 to 6 years, cleanly removable up to 1 year
Permanent	Permanent wallNOODLE	PN628	6.0 mil Matte White Vinyl	7.0 mils	Permanent	90# SuperFlat™ Polycoated	54"	Up to 4 years	4 to 6 years
Permanent	REBEL	RB528H	4.0 mil Matte White PVC	4.5 mils	High-Tack Permanent	90# SuperFlat™ Polycoated	54", 60"	5 years	7 years
Permanent	RoughRAP	RR100	2.0 mil Gloss White Cast PVC	3.2 mils	High-Tack Permanent	90# Polycoated Kraft	54"	Up to 18 months	8 years
Permanent	MACmark 8300PRO	8300	2.8 mil Vinyl, many Gloss and 2 Matte Colors	3.7 mils	Permanent	83# White Kraft	48"	Up to 5 years	5 to 7 years

PERMACOLOR® Overlaminates

Category	Product	Product Code	Face	Adhesive	Liner	Width	Unprinted Outdoor Durability	Indoor Durability
Promotional	PERMACOLOR PromoGard	PG7000	3.5 mil Gloss; 3.0 mil Matte & Lustre Clear Vinyl	Clear Permanent	40# White Kraft	38", 51", 54", 60"	Up to 2 years	3+ years
Intermediate	ColorGard LUV	LUV 8000	3.0 mil Gloss, Matte, & Lustre Clear Vinyl	Clear Permanent	40# White Kraft	38", 51", 54", 60"	Up to 4 years	5+ years
Premium	PERMACOLOR RAYZor	LF3600G	1.5 mil Matte and Gloss Cast Vinyl	Clear Permanent	50# Calendered Paper	30" (gloss only), 54", 60"	Up to 5 years	5+ years
Premium	PERMACOLOR Silver Metallic Enhancer	CY639800	3.0 mil Clear Sparkle Cast Vinyl	Clear Permanent	78# White Kraft	54"	Up to 5 years	5+ years
Premium	PERMACOLOR Brilliant Crystal Enhancers	CY639801	2.5 mil Clear Sparkle Cast Vinyl	Clear Permanent	78# White Kraft	54", 60"	Up to 5 years	5+ years
Premium	PermaFlex PF6300	PF6300	5.0 mil Lustre Textured Vinyl	Clear Permanent	55# Super Calendered Kraft	41", 54"	Up to 3 years	5 years
Premium	PermaFlex PF6400	PF6400	3.8 mil Gloss Textured Polypropylene	Clear Permanent	1.2 mil PET Release Liner	54"	Indoor Only	Up to 1 year
Premium	PermaFlex PF6600	PF6600	6.0 mil Clear, Matte, Textured PVC film	Clear Permanent	83# Coated Kraft	54"	3 months	1-3 years
Specialty	PermaGard Dry Erase	PGD6000	1.0 mil Gloss Clear Polyester	Clear Permanent	1.2 mil Clear Polyester	54"	Up to 1 year	2 years
Specialty	PermaGard Anti-Graffiti	SAG38	1.5 mil High-Gloss Clear Polyester	Clear Permanent	1.5 mil PET	54"	Up to 1 year	5 years
Specialty	PermaGard Anti-Graffiti	SAG53	2.0 mil High-Gloss Clear Hard-Coated Polyester	Clear Permanent	78# White Kraft	54"	Up to 2 years	5 years

Table 1

Surface Burning Characteristics	Minimum Application Temperature	Usage Temperature Range	Wall Application	Other Applications	Choose for:	PERMACOLOR PromoGard	PERMACOLOR RAYzor	ColorGard LUV	PermaFlex	PermaGard
ASTM E84-01 or ANSI/ NFPA Class A or IFC 8-1 Class A	+50°F (+10°C)	-20°F to 158°F (-29°C to 70°C)	Posters, Cut Outs	Temporary indoor signage	Ease of Application Repositionability					
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A	+32°F (0°C)	-40°F to 180°F (-40°C to 82°C)	Posters, Tiled Murals, Graphics	Indoor & Outdoor signage, POP		■		■	■	■
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A	+32°F (0°C)	-40°F to 180°F (-40°C to 82°C)	Posters, Tiled Murals, Wall Graphics	NA						
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A	+32°F (0°C)	-40°F to 194°F (-40°C to 90°C)	Posters, Tiled Murals, Wall Graphics	NA						
Self Extinguishing, ISO 3795	+50°F (+10°C)	-5°F to 160°F (-20°C to 70°C)	Short-term promotions on smooth surfaces	Signage						
Self Extinguishing, ISO 3795	+50°F (+10°C)	-4°F to 158°F (-20°C to 70°C)	Short-term promotions on smooth surfaces	Signage						
Self Extinguishing, ISO 3795	+32°F (0°C)	-40°F to 158°F (-40°C to 70°C)	Plotter-cut Words & Graphics, Chalkboard	Indoor and Outdoor Signage	Solid Color, Removable Wall Graphics					
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A, Self Extinguishing, ISO 3795	+32°F (0°C)	-40°F to 158°F (-40°C to 70°C)	Chalkboard, Posters, Cut Outs, Custom Wall Coverings	Menu & Sign Boards, Meeting & Childrens Rooms, Decals	Ease of Application Repositionability, Dry & Wet Chalk Pens					
ASTM E84-01 or ANSI/NFPA 255 Class A or UCB 8-1 Class A	+50°F (+10°C)	-40°F to 158°F (-40°C to 70°C)	Posters, Tiled Murals, Graphics	Indoor & Outdoor Signage, POP	Easy, Bubble-free Applications, Removability	■		■	■	■
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A	+50°F (+10°C)	-40°F to 180°F (-40°C to 82°C)	Posters, Tiled Murals, Wall Graphic	Indoor Signage & POP	Long-term graphics	■		■	■	■
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A	+50°F (+10°C)	-40°F to 200°F (-40°C to 93°C)	Posters, Tiled Murals, Wall Graphics	Great for Bonding to Low Energy Paints	Low and No VOC Painted Surfaces		■	■	■	
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A	+50°F (+10°C)	-4°F to 160°F (-20°C to 70°C)	Graphics for Brick or Block Walls	High Durability Applications	Heavily Textured Walls Like Brick, Cinder Block		■			
Self Extinguishing, ISO 3795	+50°F (+10°C)	-40°F to 158°F (-40°C to 70°C)	Plotter-cut Words & Graphics	Indoor & Outdoor Signage	Solid Color, Long-term Plotter-cut Graphics					

Table 2

Surface Burning Characteristics	Minimum Application Temperature	Usage Temperature Range	Wall Application	Other Applications	Promo/ Intermediate	Direct-to-board	RoughRAP	Gruv GVC929v2BFD	Gruv GVC729v2BFD	StreetRAP	REBEL & IMAGin - flat apps only
NA	+45°F (+7°C)	-20°F to 150°F (-28°C to 66°C)	Short Term Indoor and Outdoor Graphics	Indoor and Outdoor Signage, POP	■						■
UL E-84 Flame Spread 20; UL Smoke Developed, 35; ANSI Class A; NFPA Class A; IFC Class A	+45°F (+7°C)	-40°F to 150°F (-40°C to 66°C)	Posters, Tiled Murals, Graphics	Indoor and Outdoor Signage, POP, Photographic Prints, and Transparencies, Instant wet-out on UV inks	■	■					■
UL E-84 Flame Spread 0; UL Smoke Developed, 30; ANSI Class A; NFPA Class A; IFC Class A	50°F (+10°C)	-50°F to 225°F (-45°C to 107°C)	Graphics and Murals for Long-Term or Textured Applications	Vehicle and Marine Wraps, Long-term Indoor and Outdoor Signage			■	■	■		
NA	40°F (5°C)	-50°F to 225°F (-45°C to 107°C)	Graphics and Murals for Long-term Applications	Partial Vehicle Wraps, Long-term Indoor and Outdoor Signage			■	■	■		■
NA	40°F (5°C)	-50°F to 225°F (-45°C to 107°C)	Graphics and Murals for Long-term Application	Partial Vehicle Wraps, Long-term Indoor and Outdoor Signage			■	■	■		■
UL Flame Spread 5; UL Smoke Developed, 45; ANSI Class A; NFPA Class A; IFC Class A	32°F (0°C)	-22°F to 140°F (-30°C to 60°C)		Indoor & Outdoor Floor Graphics, Signage, POP, Photographic Prints, and Transparencies	■	■					■
UL Flame Spread 10; UL Smoke Developed, 70; ANSI Class A; NFPA Class A; IFC Class A	50°F (10°C)	-40°F to 180°F (-30°C to 82°C)	Poster, Murals and Graphics, Anti-fingerprinting, PVC-free Laminate	Short-term Indoor & Outdoor Floor Graphics, Signage, POP, Photographic Prints, and Transparencies	■						■
ASTM E84-01 or ANSI/NFPA 255 Class A or IFC 8-1 Class A, Self Extinguishing, ISO 3795	60°F (15°C)	-22° to 160°F (-30° to 70°C)	Digital images, wall murals, POP, posters, trade show graphics	NFSI HIGH-TRACTION						■	
NA	40°F (5°C)	-40°F to 180°F (-30°C to 82°C)	PVC-free Economical Dry Erase for Wall Murals and Graphics	Indoor and Outdoor Signage, POP, Photographic Prints and Transparencies	■						
NA	50°F (10°C)	-40°F to 180°F (-30°C to 82°C)	PVC-free Anti-Graffiti, Easy to Clean, Scratch Resistant	Indoor and Outdoor Signage, High-Gloss Laminate, Photos and Museum Displays	■	■					■
NA	50°F (10°C)	-40°F to 180°F (-30°C to 82°C)	PVC-free Anti-Graffiti, Easy to Clean, Scratch Resistant	Indoor and Outdoor Signage, High-Gloss Laminate, Photos and Museum Displays	■	■					■

IMAGin® Digital Media delivers industry-leading, trusted products to meet all your wall graphics needs
Supplying highly engineered products for a wide range of specialty applications:

wallNOODLE® – a short-term media designed for easy installation, repositionability, removability and reusability. Use for posters, cutouts and P.O.P. displays and any flat surface wall graphic.

ROODLE™ – a short-term media with removable adhesive that can be printed to the edge for tiled graphics and wall murals designed for easy installation on flat interior wall surfaces.

RoughRap® – a highly conformable vinyl for a paint-like appearance on brick, block and textured wall surfaces.

B•free® GRUV™ 429R – An easy to install air-egress media designed for advertising, promotions and wall graphics GV429R has an opaque, removable adhesive to simplify removal.

IMAGin DecoFresco™ & DecoMural™ – Two unique products to help you expand your wall graphic offering.

REBEL® RB528H – The perfect product for walls painted with "hard-to-adhere-to" low and no VOC paints.

M•Dot™ Wall & Window Films – short to moderate-term indoor advertising and promotions on flat smooth surfaces. The semi-sphere structured dot pressure-sensitive requires no tools for application!

MACmark® MACmark provides beautiful long-term color and the industry's highest gloss level.

8900PRO Series – versatile removable marking films for home décor graphics, interior design, and wall words; 8900PRO is cleanly removable for up to two years after application, making it ideal for home wall fashions.

8300PRO Series – the workhorse of Mactac's computer cut signage vinyls; offering excellent adhesion for wall graphics on flat to moderately curved surfaces. 8300PRO offers a beautiful high gloss finish at very competitive price.

Mactac wallCHALKER – Vinyl that transforms walls, tables and other flat surfaces into a chalkboard.

PERMACOLOR® revolutionizes your digital, photographic and lithographic images. With high-performance overlaminates, specialty overlaminates providing unique features and intermediate overlaminates designed for all your laminating needs .

Create an impact with your images using:

ColorGard® LUV – provides superior protection and color enhancement with fast, efficient results, quick wet-out and non-silvering properties. Available in gloss, matte and lustre.

PERMACOLOR PromoGard™ Series – economical protection against scuffing, abrasion, moisture and UV light.

PERMACOLOR Enhancers – add a sparkling finish to high-profile, wide-format and screen print graphic applications.

PermaGard® Dry Erase – convert almost any flat or simply curved surface to a dry erase board; also useful as an economical, high-gloss laminate for indoor or short-term outdoor signs.

PermaGard® Anti- Graffiti – for applications that require protection from tagging, vandalism, abrasion and other potentially damaging effects.

PermaFlex® Textured Laminates – protect wall graphics from fingerprinting and add a pleasing texture for short- to long-term applications.

PERMACOLOR RAYZor™ – for applications requiring extreme conformability and clarity – including brick and textured walls, windows and floors for curved surfaces, signage and vehicle wraps.

Open-Image Warranty℠ for Mactac® Media and Laminates:
You make the choice of printer and ink that are best for your business and Mactac will be the partner that stands behind you. Simply provide us with your system and if we have not already tested the combination, we'll run a comprehensive series of tests to insure the system works and then warrant your application. If we find the components are not compatible we'll let you know that, too, and make alternative recommendations. It's that simple!

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