

Wall Graphics Product Guide



Transform ordinary spaces with high-quality, eye-catching wall graphics.



IMAGin® Digital Media delivers industry-leading, trusted products to meet all your wall graphics needs. From high-performance films to cost-effective promotional products, IMAGin offers an ever-expanding portfolio of products with exceptional durability and superior printability. Its growing selection of specialty products features top-coated fabric and vinyl with special removable and bubble-free adhesive technology designed for ease of application. Mactac's IMAGin line of wide-format digital media provides endless choices for complex to typical applications and everything in between – all backed by our Open-Image Warranty™.

Supplying highly engineered products for a wide range of specialty applications:

IMAGin 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.

IMAGin 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.

IMAGin RoughRap™ – a highly conformable vinyl for a paint-like appearance on brick and textured wall surfaces.

IMAGin 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.

NEW! 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.

Mactac.®
Technology that sticks.

MACmark® takes your wall graphics from ordinary to extraordinary. Build your business and your reputation with the complete line of MACmark vinyl marking films featuring a broad spectrum of colored films for cut vinyl applications. MACmark films exhibit excellent conformability and adhesion to difficult surfaces. MACmark provides beautiful long-term color and the industry's highest gloss level.

MACmark 8900PRO – 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.

MACmark 8300PRO – 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.

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, PERMACOLOR protects wall graphics above and beyond expectations. PERMACOLOR optically clear films with special UV light inhibitors make your image last. PERMACOLOR adds the finishing touch to enhance your best work in all your specialty overlaminate applications.

Create an impact with your images using:

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

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.

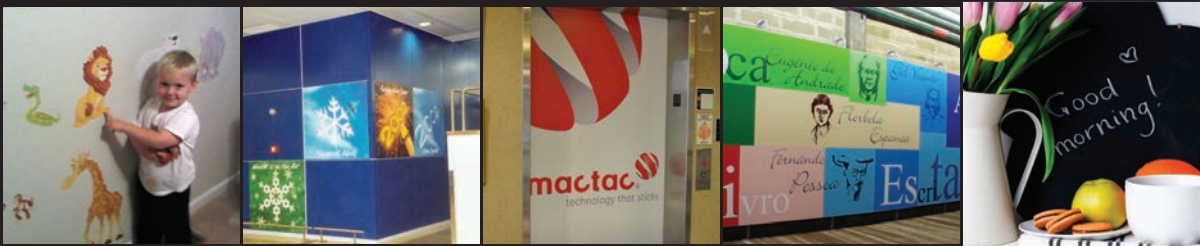
PERMACOLOR PermaGard® Dry Erase – convert almost any flat or simply curved surface to a dry erase board; also useful as an economical, high-gloss laminate for indoor or short-term outdoor signs.

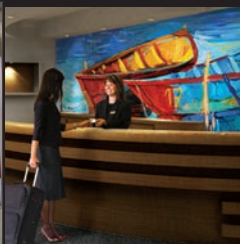
PERMACOLOR RAYZor™ – for applications requiring extreme conformability and clarity – including brick and textured walls, windows and floors for curved surfaces, signage and vehicle wraps.

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

Wall preparation is critical to a successful installation. Please refer to Mactac's Technical Assistance Guide TA2500 "Graphics Application to Drywall" for detailed application instructions for drywall. For applications to rough textured surfaces, please refer to TA2102, "IMAGin RoughRAP™ Installation Guide." Both Guides can be found on www.mactac.com/Graphics.

IMAGin® Digital Media and MACmark® Marking Films

Category					
	Ultra-Removable	Removable			
	wallNOODLE™	IMAGin® ROODLE™	IMAGin DecoFresco™	MACmark® 8900PRO	wallCHALKER™
Product Code	WN628	RO628P	DF052	8900	CB1088R
Face	6.0-mil Matte White Vinyl	6.0-mil Matte White Vinyl	8.0-mil "Flattened Plaster Textured" White PVC	2.8-mil Vinyl, Many Matte and Gloss Colors	4.0-mil Black Vinyl
Thickness, Film and Adhesive	7.0 mils	7 mils		3.5 mils	4.6 mils
Adhesive	Repositionable Removable	Removable	Removable	Removable	Aggressive Removable
Liner	90# SuperFlat™	90# SuperFlat™	90# SuperFlat™	83# White Kraft	83# LayFlat Liner
Width	54"	54"	54"	48"	24", 48"
Unprinted Outdoor Durability	NA	Up to 3 years, cleanly removable up to 2 years	Up to 3 years, cleanly removable up to 2 years	Up to 4 years, cleanly removable up to 2 years	5+ years, cleanly removable
Indoor Durability	1 year	3 to 5 years, cleanly removable up to 2 years	3 to 5 years, cleanly removable up to 2 years	4 to 6 years, cleanly removable up to 2 years	4 years, cleanly removable
Surface Burning Characteristics	ASTM E-84: ANSI class A, NFPA Class A, IFC Class A	ASTM E-84: ANSI/ NFPA - Class A, IFC Class A	ASTM E-84: ANSI/ NFPA - Class A, IFC Class A	Self Extinguishing, ISO 3795	
Minimum Application Temperature	+50°F (+10°C)	+30°F (+10°C)	+30°F (-1°C)	+32°F (0°C)	+32°F (0°C)
Usage Temperature Range	-20°F to 158°F (-6°C to 70°C)	-40°F to 180°F (-40°C to 82°C)	-40°F to 180°F (-40°C to 82°C)	-40°F to 158°F (-40°C to 70°C)	
Wall Application	Posters, Cut Outs	Posters, Tiled Murals, Graphics	Posters, Tiled Murals, and Wall Graphics	Plotter-cut Words and Graphics, Chalkboard	Posters, Cut Outs, Custom Wall Coverings
Other Applications	Temporary indoor signage	Indoor and outdoor signage, POP	NA	Indoor and Outdoor Signage	Menu Boards, Sign Boards, Meeting Rooms, Childrens Rooms, Decals
Recommended Laminate	None	PERMACOLOR® PromoGard, ColorGard™ LUV PermaFlex®, PermaGard®	None	None	None
Choose for:	Ease of Application Repositionability	Easy Application, Removability	Easy Application, Removability	Solid Color, Removable Wall Graphics	Easy Application, Removability




Removable Air-egress	Permanent			
IMAGin GRUV™ 429R	IMAGin DecoMural™	REBEL™	IMAGin RoughRAP™	MACmark 8300PRO
GV429R	DM032	RB528H	RR100	8300
3.0-mil Gloss White Vinyl	1.5-mil "Woven-look" from a Non-woven PVC	3.3-mil Matte White PVC	2.0-mil Gloss White PVC	2.8-mil Vinyl, Many Gloss and 2 Matte Colors
4 mils		4.5 mils	3.2 mils	3.7 mils
Removable Air-egress	Permanent	High-Tack Permanent	High-Tack Permanent	Permanent
98# Polycoated Kraft	74# Polycoated	90# SuperFlat™ Polycoated	90# Polycoated Kraft	83# White Kraft
54"	49"	54", 60"	54"	15", 24", 30", 48", 60"
Up to 4 years, cleanly removable up to 1 years	NA	5 years	Up to 18 months	Up to 5 years
4 to 6 years, cleanly removable up to 1 year	Up to 7 years	7 years	8 years	5 to 7 years
ASTM E-84: ANSI class A, NFPA Class A, IFC Class A	ASTM E-84: ANSI/ NFPA - Class B, IFC Class B	ASTM E-84: ANSI Class B, NFPA Class B, IFC Class B	ASTM E-84: ANSI class A, NFPA Class A, IFC Class A	Self Extinguishing, ISO 3795
+50°F (+10°C)	+50°F (+10°C)	+50°F (+10°C)	+50°F (+10°C)	+50°F (+10°C)
-40°F to 158°F (-40°C to 70°C)	-5°F to 160°F (-20°C to 70°C)	-40°F to 200°F (-40°C to 93°C)	-4°F to 160°F (-20°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Posters, Tiled Murals, Graphics	Posters, Tiled Murals, Wall Graphics	Posters, Tiled Murals, Wall Graphics	Graphics for Brick or Block Walls	Plotter-cut Words and Graphics
Indoor and Outdoor Signage, POP	NA	Great for bonding to difficult-to-adhere-to Low Energy Surfaces	2.0-mil Cast also good for high durability, flat application	Indoor and Outdoor Signage
PERMACOLOR LUV, PermaFlex®, PermaGard®	None	PERMACOLOR LUV, PERMACOLOR RAYZor™ Matte or Gloss	PERMACOLOR RAYZor Matte or Gloss	None
Easy, Bubble-free Applications, Removability	Easy Application, Removability	Low and No VOC Painted Surfaces	Heavily Textured Walls Like Brick, Cinder Block	Solid Color, Long-term Plotter-cut Graphics



PERMACOLOR® Laminates

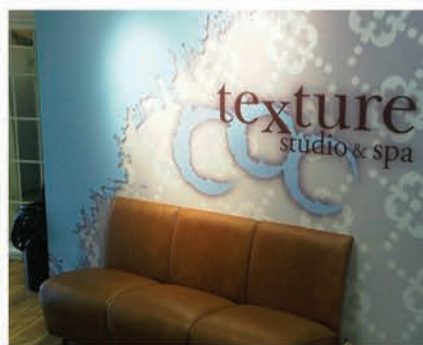
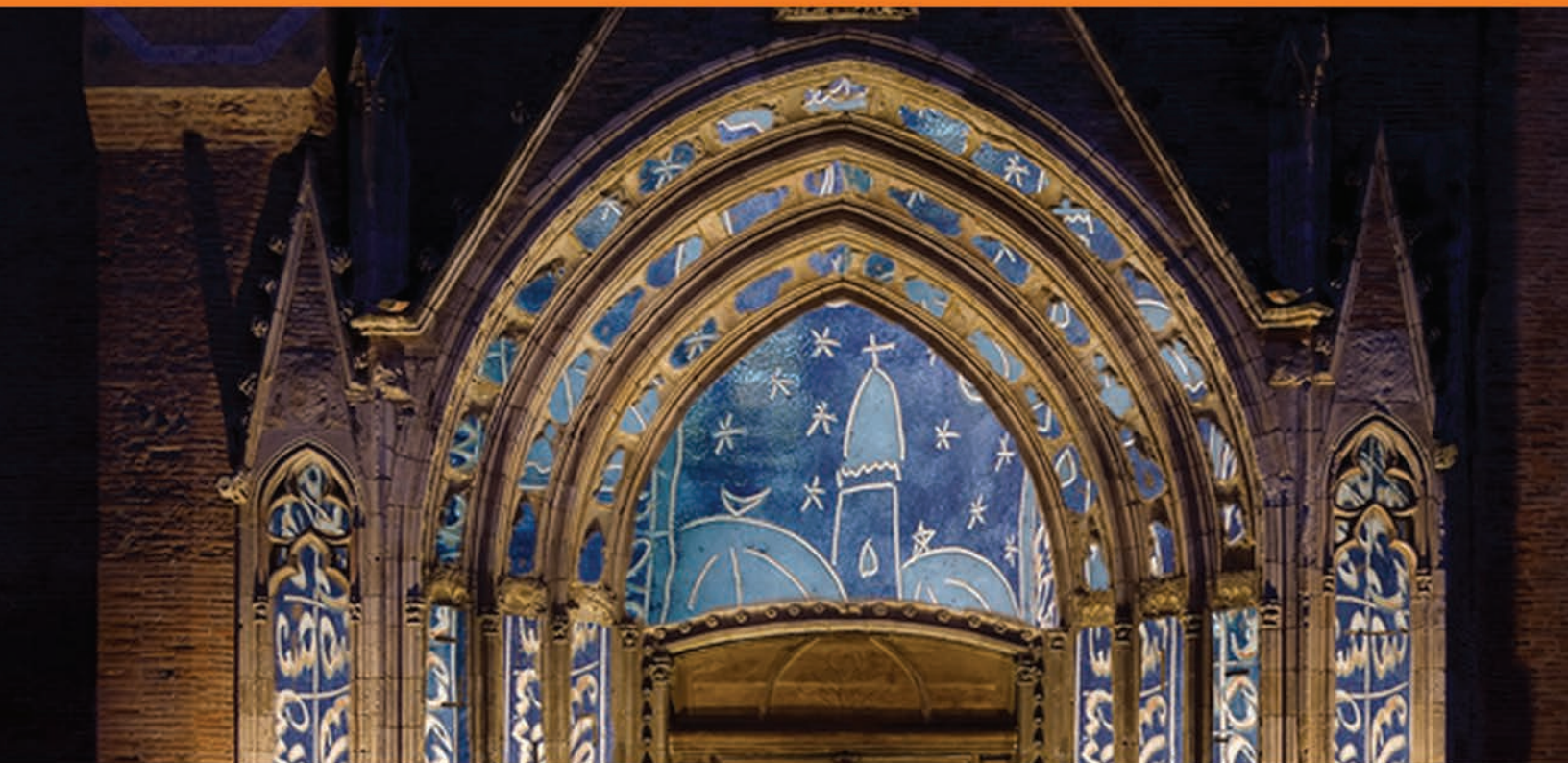
Category	Promotional	Intermediate	Premium		
Product	PERMACOLOR® PromoGard™	ColorGard™ LUV™	PERMACOLOR RAYZor™ G	PERMACOLOR Silver Metallic Enhancer	PERMACOLOR Brilliant Crystal Enhancers
Product Code	PG7000	LUV 8000	LF3600G	CY639800	CY639801
Face	3.0-mil Gloss, Matte, & Lustre Clear Vinyl	3.0-mil Gloss, Matte, & Lustre Clear Vinyl	1.5-mil Matte and Gloss Cast Vinyl	3.0-mil Clear Sparkle Cast Vinyl	2.5-mil Clear Sparkle Cast Vinyl
Thickness, Film and Adhesive	4.0 mils	4.0 mils	2.5 mils	4.2 mils	3.7 mils
Adhesive	Clear Permanent	Clear Permanent	Clear Permanent	Clear Permanent	Clear Permanent
Liner	40# White Kraft	46# White Kraft	50# Calendered Paper	78# White Kraft	78# White Kraft
Width	38", 51", 54", 60"	38", 51", 54", 60"	30" (gloss only). 54", 60"	54"	54", 60"
Outdoor Durability	Up to 2 years	Up to 4 years	Up to 5 years	Up to 5 years	Up to 5 years
Indoor Durability	3+ years	5+ years	5+ years	5+ years	5+ years
Surface Burning Characteristics	NA	UL E-84 Flame Spread 20; UL Smoke Developed, 35; ANSI Class A; NFPA Class A; IFC Class A	UL E-84 Flame Spread 0; UL Smoke Developed, 30; ANSI Class A; NFPA Class A; IFC Class A	NA	NA
Minimum Application Temperature	+45°F (+7°C)	+45°F (+7°C)	50°F (+10°C)	40°F (5°C)	40°F (5°C)
Usage Temperature Range	-20°F to 150°F (-28°C to 66°C)	-40°F to 150°F (-40°C to 66°C)	-50°F to 225°F (-45°C to 107°C)	-50°F to 225°F (-45°C to 107°C)	-50°F to 225°F (-45°C to 107°C)
Wall Application	Short Term Indoor and Outdoor Graphics	Posters, Tiled Murals, Graphics	Graphics and Murals for Long-Term or Textured Applications	Graphics and Murals for Long-term Applications	
Other Applications	Indoor and Outdoor Signage, POP	Indoor and Outdoor Signage, POP, Photographic Prints, and Transparencies	Vehicle and Marine Wraps, Long-term Indoor and Outdoor Signage	Partial Vehicle Wraps, Long-term Indoor and Outdoor Signage	
Recommended Media	Promotional and Intermediate Media	Promotional and Intermediate Media, Direct to board prints	IMAGin RoughRAP, JT5529PRO, GV929 and GV729	IMAGin JT5529PRO, GV929 and GV729	

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Technology that sticks.

		PermaGard®
PermaFlex PF6300	PermaFlex PF6400	PermaGard® Dry Erase 
PF6300	PF6400	PGD6000
5.0-mil Lustre Textured Vinyl	3.8-mil Gloss Textured Polypropylene	1.0-mil Gloss Clear Polyester
6.0 mils	4.8 mils	1.0 mils
Clear Permanent	Clear Permanent	Clear Permanent
55# Super Calendered Kraft	55# Natural Kraft	1.2 Mil Clear Polyester
41", 54"	54"	54"
Up to 3 years	Indoor Only	Up to 1 year
5 years	Up to 1 year	2 years
UL Flame Spread 5; UL Smoke Developed, 45; ANSI Class A; NFPA Class A; IFC Class A	UL Flame Spread 10; UL Smoke Developed, 70; ANSI Class A; NFPA Class A; IFC Class A	NA
32°F (0°C)	50°F (10°C)	40°F (5°C)
-22°F to 140°F (-30°C to 60°C)	-40°F to 180°F (-30°C to 82°C)	-40°F to 180°F (-30°C to 82°C)
	Poster, Murals and Graphics, Anti-fingerprinting, PVC-free Laminate	PVC-free Economical Dry Erase for Wall Murals and Graphics
Indoor & Outdoor Floor Graphics, Signage, POP, Photographic Prints, and Transparencies	Short-term Indoor & Outdoor Floor Graphics, Signage, POP, Photographic Prints, and Transparencies	Indoor and Outdoor Signage, POP, Photographic Prints and Transparencies
StreetRAP™, Intermediate media	Promotional and Intermediate Media	Promotional and intermediate media



A Greener Choice — 100% Chlorine-, Phthalate- and PVC-free



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!

We stand behind you. And, we work with the most popular printer and ink suppliers to ensure product compatibility and durability.



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