

2019 | Application Guide

September | WINDOWS

Transform ordinary spaces with high quality, eye-catching window graphics





With the broadest offering on the market, IMAGin delivers industry leading, trusted wide-format media to meet all your window graphic needs. From high-performance and specialty applications to cost-effective promotional products, IMAGin takes you there.

Product/Colors	Product Code	Face	Thickness: Film	Adhesive	Liner	Width	Unprinted Outdoor Durability
B•free® Window Films Frosted	JT5796MBF v2	Matte, Frosted Translucent Vinyl	3.1 mils	Bubble-free Acrylic	80# Layflat Polycoated	54"	5 years
B•free Window Films Dusted	JT5798MBF v2	Matte, Dusted Translucent Vinyl	3.1 mils	Bubble-free Acrylic	80# Layflat Polycoated	54"	5 years
B•free Window Films Gloss	JT5999MBF v2	Gloss Clear Vinyl	3.1 mils	Bubble-free Acrylic	80# Layflat Polycoated	54"	5 years
IMAGin® Clear	JX999R	Gloss Clear Vinyl	2.6 mils	Acrylic Removable	86# Kraft	54"	5 years
IMAGin VERDE™ Clear	VM3209R	Gloss, Clear, Scratch-resistant Topcoated Polyester	2.0 mils	Optically-clear, Removable Acrylic	1.4 mil Clear Polyester	60"	Up to 2 years
WindowVIEW® Window Perf	WV159	Soft, White Vinyl with Black Reverse and Perforated 50%	8.0 mils	Semi-permanent, Clear Acrylic	7.0 mil Clear Film	54"	3 years
WindowVIEW Window Perf	WV139	Soft, White Vinyl with Black Reverse and Perforated 30%	6.0 mils	Removable Clear Acrylic	6.0 mil Paper	54"	18 Months
WindowVIEW Window Perf	WP129	Soft white vinyl with black reverse and perforated 40%	6.0 mils	Semi-permanent Clear Acrylic	86# White Kraft	54"	1 year
WindowVIEW Cling White	WVC109	White Vinyl with Static Cling Properties	7.0 mils	Non-adhesive Static Cling	White PE	54"	6 months
WindowVIEW Cling Clear	WVC199	Clear Vinyl with Static Cling Properties	7.0 mils	Non-adhesive Static Cling	White PE	54"	6 months
M•Dot™ Gloss Clear	MD199	Gloss Clear, Removable PVC	4.7 mils	Semi-sphere Structured, Clear Removable, Acrylic	86# White Kraft	54"	
M•Dot Matte White	MD228	Matte White, Removable PVC	4.7 mils	Semi-sphere Structured, Clear Removable, Acrylic	86# White Kraft	54"	



Full line of computer cut pressure sensitive options for window décor, window advertisements, and privacy glass applications.

Product	Colors	Face	Thickness: Film	Adhesive	Liner	Width
Glass Décor 700	5 Matte Colors 2 Matte Finishes	Polymeric Translucent Stabilized Vinyl	3.0 mils	Permanent Transparent Solvent Acrylic	83# Bleached White Kraft Liner	48" and 60" Frosted and Dusted, 48" Soft Pastel Colors
MACcrystal® 8400	17 Gloss Colors	Transparent Gloss Vinyl	3.0 mils	Transparent and Smooth Permanent Acrylic	83# Bleached White Kraft Liner	48"
8900 Pro Series	64 Matte 15 Gloss	Calendared Soft Vinyl	3.0 mils	Removable Acrylic	83# Bleached White Kraft Liner	48"
8300 Pro Series	49 Gloss 2 Matte	Polymeric Calendared High Gloss Vinyl	2.8 mils	Permanent Solvent Acrylic	83# Bleached White Kraft Liner	48" and 60"
9700 Pro Series	30 Matte	Polymeric Calendared Translucent Vinyl	3.0 mils	Permanent Solvent Acrylic	83# Bleached White Kraft Liner	48"
9800 Pro Series	50 Gloss 6 Luminous 2 Matte	High-Gloss Polymeric Calendared Vinyl	2.6 mils	Permanent Acrylic	83# Bleached White Kraft Liner	48" and 60"
5700 Reflective	8 Colors	Reflective Polymeric Vinyl	6.0 mils	White, High Strength Permanent Acrylic	83# Bleached White Kraft Liner	48"
6800 Fluorescents	6 Fluorescents	Cast Vinyl	3.5 mils	Permanent Solvent Acrylic	78# Bleached White Kraft Liner	48"
6600 Series	63 Gloss 22 Metallic 2 Matte	Premium High-Gloss Cast Vinyl	3.2/2.0 mils	Clear, Permanent Solvent Acrylic	78# Bleached White Kraft Liner	48"

Indoor Durability	Surface Burning Characteristics	Minimum Application Temperature	Usage Temperature Range	Window Application	Other Applications	Choose for:	PERMACOLOR RAYzor	PERMACOLOR RAYzor LE3648	ColorGard™ LUV
5 to 7 years	ASTM E84-01, ANSI/NFPA255, UC88-1	+50°F (+10°C)	-40°F to 194°F (-40°C to 90°C)	Dry Only	Lightboxes	Ease of application			
5 to 7 years	ASTM E84-01, ANSI/NFPA255, UC88-1	+50°F (+10°C)	-40°F to 194°F (-40°C to 90°C)	Dry Only	Lightboxes	Ease of application			
5 to 7 years	ASTM E84-01, ANSI/NFPA255, UC88-1	+50°F (+10°C)	-40°F to 194°F (-40°C to 90°C)	Dry Only		Ease of application			
5 years		+50°F (+10°C)	-40°F to 194°F (-40°C to 90°C)	Wet or Dry	Floor Graphics		■		■
2 years		+40°F (+4°C)	-40°F to 212°F (-40°C to 100°C)	Wet		REACH compliant		■	
3 years		+50°F (+10°C)	0°F to 140°F (-6°C to 60°C)	Dry Only	Transit & Vehicle			■	
Up to 2 years		+40°F (+4°C)	0°F to 140°F (-6°C to 60°C)	Dry Only	Transit & Vehicle			■	■
1 year		+50°F (+10°C)	0°F to 140°F (-6°C to 60°C)	Dry Only	Transit & Vehicle			■	■
6 months		+40°F (+4°C)	0°F to 140°F (-6°C to 60°C)	Wet or Dry	Signage & Vehicles	Oil Change Decals, Short-term Windows	Not recommended		
6 months		+40°F (+4°C)	0°F to 140°F (-6°C to 60°C)	Wet or Dry	Signage & Vehicles	Oil Change Decals, Short-term Windows			
1 Year	Self Extinguishing, ISO 3795	+50°F (+10°C)	-4°F to 158°F (-20°C to 70°C)	Dry Only	Signage & Walls	Oil Change Decals, Short-term Windows, Walls			
1 Year	Self Extinguishing, ISO 3795	+50°F (+10°C)	-4°F to 158°F (-20°C to 70°C)	Dry Only		Oil Change Decals, Short-term Windows, Walls			

Outdoor Durability	Indoor Durability	Surface Burning Characteristics	Minimum Application Temperature	Usage Temperature Range	Window Application	Choose for:
Up to 5 years	Up to 5 years	ISO 3795	50° (+10°)	-40° to 194°F (-40° to 90°C)	Wet or Dry	Interior glass partitions and privacy accents
Up to 3 years	Up to 3 years	ISO 3795	50° (+10°)	-40° to 158°F (-40° to 70°C)	Wet or Dry	Illuminated Signs
Up to 4 years	Up to 4 years	ISO 3795	32° (0°)	-40° to 158°F (-40° to 70°C)	Dry only	Home and commercial wall décor and P.O.P.
Up to 5 years	Up to 5 years	ISO 3795	50° (+10°)	-40° to 158°F (-40° to 70°C)	Wet or Dry	Promotional signage
Up to 5 years	Up to 5 years	ISO 3795	50° (+10°)	-40° to 194°F (-40° to 90°C)	Wet or Dry	Backlit signs, thermoform signs and awnings
Up to 8 years	Up to 8 years	ISO 3795	45° (+8°)	-40° to 194°F (-40° to 90°C)	Wet or Dry	Long-term outdoor advertising, fleet marking over simple curves and rivets
Up to 7 years	Up to 7 years	ISO 3795	50° (+10°)	-4° to 194°F (-20° to 90°C)	Wet or Dry	Night and day visibility signage and vehicle markings - Engineering grade
Up to 6 months	Up to 6 months		40° (+5°)	-50° to 225°F (-45° to 107°C)	Wet or Dry	Short-term attention getting applications such as P.O.P. and racing decals
Up to 8 years	Up to 8 years		40° (+5°)	-40° to 194°F (-40° to 90°C)	Wet or Dry	Fleet marking with rivets and irregular surfaces. Custom color-match available.

IMAGin® Window Graphics

B-free® Window Films Available in three finishes, these 3.1 mil window films are designed for printed promotional and decorative graphics. All feature Mactac's patented B-free air-egress repositionable adhesive which allows for easy dry installation, and clean removability. Designed to be solvent, latex, or UV printed, these films can be used un-laminated or laminated for longer term applications.

Improved!
v2

Frosted – Translucent, matte frosted finish – the most opaque of the three.

Dusted – Translucent, matte dusted finish – can be reverse printed and applied

Clear – Clear, gloss finish – can also be reverse printed and applied

Verde™ VM3209 A 2.0 mil clear gloss polyester designed for UV printing. Verde is designed for customers seeking more environmentally friendly window graphic options, as it is non-PVC, free of phthalates and chlorine. It also features a removable optically clear adhesive for truly see through graphics.

JX999R A proven window product for over a decade, this 2.6 mil clear gloss vinyl will last up to five years on a window. Featuring a clear removable adhesive, the JX999R is designed for solvent, latex and UV digital printing. For general purpose window advertisements and decorations.

WindowVIEW® Perforated Window Films One-way vision films designed for solvent and UV printing. All feature a white vinyl perforated face with black reverse side coated with clear semi-permanent adhesive.

WV159 – 50/50% hole pattern, 8.0 mil, up to three year durability on transit/vehicles and store fronts

WV139 – 70/30% hole pattern, 6.0 mil, up to two year durability on transit/vehicles and store fronts

WP129 – 60/40% hole pattern, 6.0 mil, up to one year durability on transit/vehicles and store fronts

WindowVIEW Cling WVC109/WVC199 – These non-adhesive backed films are designed for short-term window signage. Available in gloss white (WVC109) and clear (WVC199).

NEW! M•Dot™ 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®

Glass Décor 700 Series – Translucent vinyls with “dusted” and “frosted” finishes for **etched** or **sandblasted look**. Provides window privacy accents. Now available in five colors.

MACcrystal® 8400 Series – Transparent color vinyl for use in **illuminated signs** and for window decoration. Combine colors to create nearly any color imaginable.

9700PRO Series – High-performance **translucent** vinyl which provides ultimate color consistency for back lit applications and windows.

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 window fashions.

8300PRO Series – The workhorse of Mactac's computer cut signage vinyls; offering excellent adhesion for wall graphics on flat windows. 8300PRO offers a **beautiful high-gloss finish** at a very competitive price.

9800PRO Series – Cadmium-free durable vinyl with enhanced **high-gloss** finish. A cost saving alternative for long-term window applications.

5700 Series – Microscopic glass beads with metalized back create a **reflective** surface that is visible night and day.

6800 Series – Short-term **fluorescent** film for indoor or outdoor applications where high-impact color is needed.

6600 Series – Premium high gloss film designed for **long-term window applications** up to ten years.

Open Image WarrantySM 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.

