

2020 | Application Guide

January | FLOORS

Transform high quality images into high-impact floor and sidewalk graphics



Mactac® overlaminates keep floor graphics looking sharp – from initial application to removal. Offering superior protection against scuffing, abrasion, moisture and UV light, PERMACOLOR® floor graphic products protect and seal images from environmental elements, foot traffic and more. These overlaminates are specially engineered for use with pressure-sensitive floor graphic films and meet or exceed various public safety requirements and industry standards for high traction.

Overlaminates

Category	Product	Product Code	Face	Thickness: Film	Adhesive	Liner	Width	Unprinted Vertical Durability	Outdoor Floor Durability
High-Performance Overlaminates	PERMACOLOR FloorGRIP	PF6600	Textured Vinyl	6.0 mil	Clear Acrylic	78# White Kraft	54"	2-3 years	3 months
	PERMACOLOR RAYZor	LF3648G	Gloss Vinyl	1.5 mil	Clear Acrylic	50# Calendered Paper	30", 54", 60"	5 years	For Indoor Use Only
Specialty Overlaminates	PermaFlex	PF6300	Textured Vinyl	5.0 mil	Clear Acrylic	83# Paper	41", 54"	3 years	For Indoor Use Only
	PermaFlex	PF6400	Textured Polyolefin	3.75 mil	Clear Acrylic	1.2 mil PET	54"	For Indoor Use Only	For Indoor Use Only
	PermaFlex	IP6200	Textured Polycarbonate	5.0 mil	Clear Acrylic	1.2 mil PET	21", 37", 51"	2 - 3 years	For Indoor Use Only

IMAGin®

Wide-Format Media


Designed for indoor or outdoor applications, Mactac's IMAGin line of wide-format, digital media is your best choice for high-quality, high-impact floor graphics. With application versatility – from convention centers and retail graphics to sports arenas and sidewalks – Mactac's printer-friendly IMAGin floor graphic vinyls produce images that impress. Offering various options in thickness, finish and adhesive aggressiveness and strengths, Mactac IMAGin vinyls offer the flexibility you need for any floor graphic application you encounter.

Floor Graphics Media

Category	Product	Product Code	Face	Thickness: Film & Adhesive	Adhesive	Liner	Width	Outdoor Wall Durability/ Outdoor Floor Durability
High-Performance	REBEL®	RB599R	4.0 mil Gloss Clear Vinyl	5.0 mil	Removable Clear Acrylic	90# SuperFlat	54"	5 years/For Indoor Use Only
Intermediate	IMAGin	JT5828HTO	3.7 mil Matte White Vinyl	4.7 mils	High-Tack Opaque Acrylic	86# Kraft Liner	54"	4 years/For Indoor Use Only
	PrintVinyl Gray	PVG828R/ PVG829R	3.9 mil Matte/Gloss White PVC Film	4.9 mil	Gray, Opaque Removable Acrylic	74# Kraft Liner	54", 64"	4 years/For Indoor Use Only
	IMAGin	JT5828R/ JT5829R	3.7 mil Matte/Gloss White Vinyl	4.7 mil	Removable Opaque Acrylic	86# Kraft Paper	54"	4 years/For Indoor Use Only
	IMAGin	JX999R	2.6 mil Gloss Clear Vinyl	3.6 mil	Removable Clear Acrylic	86# Kraft Paper	54"	4 years/For Indoor Use Only
Specialty	StreetTRAX®	STX1528	11.5 mil Printable, Grit Coated, Outdoor Stabilized White Film	13.5 mil	Aggressive Permanent	60# PE Coated Paper	54"	Up to 5 years / 2 months
	StreetRAP	STR328	4.0 mil Matte White Vinyl	6.4 mil	Aggressive Permanent	90# SuperFlat™	54"	Upt to 5 years / 3 months*
	M•Dot Floor	MD128F	7.9 mil Matte White PVC	14.0 Mil	Semi-sphere structured (dot), Removable Clear Acrylic	74# White Kraft	54"	NA

* Outdoor recommendation applies only when used with PermaFlex PF6600 Textured Overlamine

** See Performance Guide for Removal Instruction off unsealed concrete only

Indoor Vertical Durability	Indoor Floor Durability	Slip Resistance	Minimum Application Temperature	Usage Temperature Range	Other Applications	IMAGin X999R	IMAGin 5800	BeFree GRUV 529	PrintVinyl JT800	PrintVinyl Gray PVG800 Series	REBEL RB500 & RB400 Series	REBEL RB200 Series	StreetRAP STR328	IMAGin DigiTrans JDT429
5 years	3 years	Indoor & Outdoor ANSI/NFSI B101.3, Wet or Dry Conditions	40°F	-40 to 180°F	Digital images, wall murals, POP, posters, trade show graphics 	■	■	■	■	■	■	■	■	■
7 years	1 year	For Indoor Dry Conditions	50°F	-50 to 225°F	Wraps, wall murals, textured wall graphics	■	■	■	■	■	■	■	■	■
5 years	3 years	For Indoor Dry Conditions	50°F	-22 to 140°F	Digital images, wall murals, POP, posters, trade show graphics	■	■	■	■	■	■	■	■	■
1 years	30 Days	For Indoor Dry Conditions	32°F	-40 to 180°F	Digital images, wall murals, POP, posters, trade show graphics	■	■	■	■	■	■	■	■	■
5+ years	3 years	For Indoor Dry Conditions	50°F	-20 to 200°F	Photographic prints, transparencies, digital images, murals, trade show & backlit graphics. High traffic areas. Excellent scuff resistance.	■	■	■	■	■	■	■	■	■

ASTM C-1028 Test method formerly withdrawn. No new safety specifications for dry floors has been approved by recognized laboratories.

Indoor Wall Durability/ Indoor Floor Durability	Removability	Minimum Application Temperature, °F	Usage Range °F	Floor Type	Other Applications	PERMACOLOR RAYZOR LF3648G	PERMACOLOR Enhancers 6300	PemaFlex IP6200, PF6300, PF6400	PF6600
5 years+/Up to 1 year	Up to 1 year	40°F	-40° to 200°F	Smooth indoor tile/concrete/linoleum	Outdoor advertising, labels, decals, markings, P.O.P displays and signs	■	■	■	■
5 years/2 years	Up to 6 months	50°F	-40° to 158°F	Low pile commercial carpet	Carpet graphics, low-surface energy surfaces	■	■	■	■
5 years/ 1 year	Up to 2 years	50°F	-5° to 150°F	Smooth indoor tile/concrete/linoleum	Wall murals, removable POP, posters, bumper stickers, promotional signage	■	■	■	■
5 years/2 years	Up to 2 years	50°F	-40° to 158°F	Smooth indoor tile/concrete/linoleum	Wall murals, removable POP, posters, bumper stickers	■	■	■	■
5 years/2 years	Up to 2 years	50°F	-40° to 158°F	Smooth indoor tile/concrete/linoleum	Wall murals, removable POP, posters, bumper stickers	■	■	■	■
5 years/2 years	2 months**	50°F	20° to 225°F	Outdoor rough concrete/asphalt	Overlamination is not necessary. 	■	■	■	■
5 years/2 years	3 months**	50°F	32° to 225°F	Outdoor rough concrete/asphalt	Unsealed concrete walls & floors and unsealed asphalt floors only	■	■	■	■
1 month	Up to 1 month	50°F	-4°F to 158°F	Short term indoor floor graphics on flat, smooth surfaces	No lamination needed! Certified Anti-Slip EN13036-4	■	■	■	■

Floor preparation is critical to a successful installation. Please refer to Mactac's Technical Assistance Guide TA2040 "How to Make Floor Graphics" for detailed application instructions at www.mactac.com.

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.

