


Application Guide | Floors




PERMACOLOR®

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.

Floor Graphics Overlaminates						
Feature	PERMACOLOR FloorGRIP™ PF6600	PF6500	PF6400	PF6300	IP6200	PERMACOLOR RAYZor™ LF3640G
Face	Textured Vinyl	Textured Vinyl	Textured Polyolefin	Textured Vinyl	Textured Polycarbonate	Gloss Vinyl
Thickness: Film and Adhesive	6.0 mils	5.3- mils	3.75 mils	5.9 mils	6.5 mils	1.5 mils
Adhesive	Clear Acrylic	Clear Acrylic	Clear Acrylic	Clear Acrylic	Clear Acrylic	Clear Acrylic
Liner	78# White Kraft	1.2 mil PET Release Liner	55# SCK	83# Paper	1.2 mil PET	50# Calendered Paper
Width	54	38, 54	54	41, 54	21, 37, 51	30, 54, 60
Outdoor Vertical Durability	2-3 years	2-3 years	For Indoor Use Only	3 years	2 - 3 years	5 years
Outdoor Floor Durability	3 months	For Indoor Use Only	For Indoor Use Only	For Indoor Use Only	For Indoor Use Only	For Indoor Use Only
Indoor Vertical Durability	5 years	3-5 years	1 years	5 years	5+ years	7 years
Indoor Floor Durability	3 years	3 months	30 Days	3 years	3 years	1 year
Slip Resistance	ANSI/NFSI B101.3	For Indoor Dry Conditions	For Indoor Dry Conditions	For Indoor Dry Conditions	For Indoor Dry Conditions	For Indoor Dry Conditions
Minimum Application Temperature	40°F	50°F	50°F	32°F	50°F	50°F
Usage Range	-40 to 180°F	-40 to 180°F	-40 to 180°F	-22 to 140°F	-20 to 200°F	-50 to 225°F
Other Applications	Digital images, wall murals, POP, posters, trade show graphics 	Floor graphics, wall murals, POP, trade show graphics	Digital images, wall murals, POP, posters, trade show graphics	Digital images, wall murals, POP, posters, trade show graphics	Photographic prints, transparencies, digital images, murals, trade show & backlit graphics. High traffic areas. Excellent scuff resistance.	Wraps, wall murals, textured wall graphics
Recommended Media						
B*free® GRUV™ GVC929 & 729						■
IMAGin® 5800	■	■	■	■	■	■
B*free GRUV 529	■		■	■	■	■
PrintVinyl PV 800	■		■	■	■	
B*free GRUV 429R		■				
PrintVinyl PVC800 Series	■		■	■	■	
REBEL RB500 & RB400 Series	■		■	■	■	■
REBEL RB200 Series	■	■	■	■	■	
RoughRAP® RR100						■
StreetRAP™ STR328	■					
IMAGin DigiTrans		■				

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							
Feature	StreetTRAX™	StreetRAP™	JT5828HTO	PVG828R/ PVG829R	JT5828R/ JT5829	JT5999R	REBEL® RB599R
Face	11.5 mil Printable, Grit Coated, Outdoor Stabilized White Film	3.4 mil Matte White Vinyl	3.7 mil Matte White Vinyl	3.9 mil Matte/Gloss White PVC Film	3.7 mil Matte/Gloss White Vinyl	3.1 mil Matte/Gloss Clear Vinyl	4.0 mil Gloss Clear Vinyl
Thickness: Film and Adhesive	13.5 mils	6.4 mils	4.7 mils	4.0 mils	4.7 mils	4.1 mils	5.0 mils
Adhesive	Aggressive Permanent	Aggressive Permanent	High-Tack Opaque Acrylic	Gray, Opaque Removable Acrylic	Removable Opaque Acrylic	Removable Clear Acrylic	Removable Clear Acrylic
Liner	60# PE Coated Paper	90# SuperFlat™	86# Kraft Liner	74# Kraft Liner	80# Coated Paper	80# Coated Paper	90# SuperFlat
Outdoor Wall Durability	Up to 5 years	Up to 5 years	4 years	4 years	4 years	4 years	5 years
Outdoor Floor Durability	2 months	3 months*	For Indoor Use	For Indoor Use	For Indoor Use	For Indoor Use	For Indoor Use
Indoor Wall Durability	5 years	5 years	5 years	5 years	5 years	5 years	5years +
Indoor Floor Durability	2 years	2 years	2 months	1 year	2 years	2 years	Up to 1 year
Removability	2 months**	3 months**	Up to 6 months	Up to 2 years	Up to 2 years	Up to 2 years	Up to 1 year
Minimum Application Temperature, °F	50	50	50	50	50	50	40
Usage Range, °F	20 to 225	32 to 225	-40 to 158	-5 to 150	-40 to 158	-40 to 158	-40 to 200
Floor Type	Outdoor rough concrete/ asphalt	Outdoor rough concrete/ asphalt	Low pile commercial carpet	Smooth indoor tile/concrete/ linoleum	Smooth indoor tile/concrete/ linoleum	Smooth indoor tile/concrete/ linoleum	Smooth indoor tile/concrete/ linoleum
Other Applications	Overlamination is not necessary. 	Unsealed concrete walls & floors and unsealed asphalt floors only	Carpet graphics, low-surface energy surfaces	Wall murals, removable POP, posters, bumper stickers, promotional signage	Wall murals, removable POP, posters, bumper stickers	Wall murals, removable POP, posters, bumper stickers	Outdoor advertising, labels, decals, markings, P.O.P displays and signs
ICC Profiles		www.mactac.com/graphics					
* Outdoor recommendation applies only when used with PermaFlex PF6600 Textured Overlaminant							
** See Performance Guide for Removal Instruction off unsealed concrete only							

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

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. The Guide can be found on mactac.com/Graphics.



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.

