



The Complete Matthews Paint System

For Ultimate Color, Durability and Protection

Developed specifically for the signage industry, the Complete Matthews Paint System is a total paint solution for the varied and extreme demands of architectural, commercial and outdoor sign applications.

- Highest quality sign paints available
- Hands-on technical training
- Custom color matching tools
- Experienced technical assistance
- Exceptional customer service

Learn More: 760 Pittsburgh Drive • Delaware, OH 43015 • Toll Free: 800.323.6593 • Fax: 800.947.0377 • www.matthewspaint.com

mpc PAINT DROPS DESIGN in color is a trademark of PPG Industries Ohio, Inc. mpc MATTHEWS PAINT and Droplet and Rounded Rectangle is a registered trademark of PPG Industries Ohio, Inc.

The Complete Matthews Paint System

T Topcoats

Matthews Topcoats provide a long-lasting, UV resistant finish that boasts unsurpassed color and gloss retention. With three different lines to choose from—including the environmentally friendly MAP Ultra Low VOC—and unlimited color options, there is a topcoat to meet any project requirement.

P Primers

Matthews Primers, including chromate-free and low VOC product lines, provide excellent paint adhesion to a variety of hard-to-adhere substrates and can be directly coated with any Matthews topcoat. In addition, Matthews primers offer increased paint durability, corrosion protection, and filling capability.

CLR Clears

Available in all finishes for a variety of applications, **Matthews Clearcoats** protect your paint job while enhancing its depth and vibrancy. Comprised of the same durable resin as our color lines, Matthews clearcoats provide unparalleled resistance to UV rays, moisture, harsh weather, impact, chemicals, and graffiti.

CLN Cleaners

Matthews Cleaners are designed to remove waxes, grease, silicones, and other contaminants on a variety of substrates including bare metal, plastics, primers, and more. Our environmentally friendly, ultra low VOC option is highly effective and compliant with most VOC rules nationwide.

A Additives

Customize your application with **Matthews Additives** to achieve your project goals! Our suede additives provide a unique, textured finish. Matthews metallic tones help you achieve optimum brilliance. Brush and roll additives offer maximum leveling and flow characteristics. Our low VOC basecoat converters allow you to paint multicolor signs in hours instead of days.

TR Training

Delivering free-to-attend world-class training in state-of-the-art facilities is just one more way that Matthews Paint helps you outperform your competition. **Matthews Training** classes provide both classroom style technical training and hands-on opportunities to practice what you learn.





Spectrum of Color

A Breakthrough in Color Selection Convenience!



With over 1,580 colors and side-by-side comparisons of satin and high gloss finishes, this two deck system makes choosing colors easier than ever.



Features & Benefits:

- Two fan decks of 1,580 vibrant colors
- Side-by-side comparisons of satin and high gloss finishes
- Expanded solid and metallic sections
- Compact system stores conveniently in a sturdy, easy-open case
- Includes index, color chip reference numbers, Matthews Paint formula numbers and LRV (Light Reflectance Value) numbers

Includes
Two Fan
Decks!



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P

Primers

Matthews High Reflective White



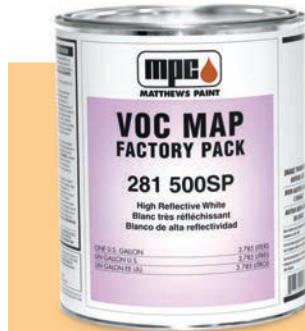
Enhances Brightness and Eliminates Hot Spots.

Used on the interior walls of channel letters and sign cans, Matthews High Reflective White paint is a single-component, spray applied coating that is designed to enhance brightness, eliminate hot spots and provide uniform light reflection.



Features & Benefits:

- Better for the environment with a VOC level of 0.16 lbs/gal (about 20g/L)
- High reflectivity with an LRV of 96+
- Can be applied directly to properly prepared steel (cold rolled or hot rolled) and aluminum
- Ready to spray from the can
- Hides faster with less coats
- Evenly distributes the light within channel letters for a uniform reflection
- Enhances brightness and eliminates hot spots
- Will not yellow
- Dries fast



A True White Coating!

Matthews High Reflective White has a reflectivity with an LRV of 96+ to evenly distribute light within channel letters, providing a uniform reflection.



The Complete Matthews Paint System:



Topcoats



Primers



Clears



Cleaners



Additives



Training

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Clear Coats



Superior Vibrancy and Protection!

Using the same durable resin as our proven color line, Matthews clear coats provide unparalleled resistance to the elements, extending the life and maintaining the vibrancy of your project.



Features & Benefits:

- Create a durable barrier that protects against impact, abrasion, hail, sand, salt, grit and chemicals
- Add depth and improves gloss, vibrancy and overall quality of the color coat below
- Most graffiti removes easily with solvent without damaging finish
- Excellent durability over most metals, acrylic, plastic, polycarbonate, photopolymer, sign foam, architectural metals and all Matthews topcoats
- Conventional, Low VOC and Ultra Low VOC options
- Flat to full gloss finishes available
- Light stabilizers provide UV protection

Matthews Paint Offers a Clear for Every Application.

Ultra Low VOC
options are available in matte, satin and full-gloss.

ADA Clear
meets all US ADA requirements for non-glare applications.

HP Clear†
withstands chlorinated underwater applications and harsh chemicals.

Braco Clear
preserves the integrity of decorative metals that tarnish.

Super Satin Clear
provides the best protection, durability and color retention.

†Not intended for use as a coating for anti-fouling or use in marine applications.



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Gloss Range 60° Meter						
Conventional Clears	Matte 0-4	Flat 5-9	Satin 10-29	Semi 30-79	Full 80+	Specialty Characteristic
42 900SP*	2-3					No Flattening Paste Needed – It is Matte in the Can
SOA 1643SP **		5-10				Flat Finish
42 228SP*			10-14			No Flattening Paste Needed – It is Satin in the Can
SOA 4158SP*			12-18			Meets US ADA Requirements
SOA 365SP*			25-35			Full Range of Semi Gloss
42 208SP*					90-95	Excellent Gloss Retention
SOA 6062SP **			15-20			Satin Anti-tarnish Brass, Bronze, Copper
42 260SP*					90-95	Braco Anti-tarnish Brass, Bronze, Copper
SOA 4436SP **			8-12			No UV Screen – Dark Ride Fluorescent
SOA 5939SP **				40-50		No UV Screen – Dark Ride Fluorescent
6178SP*†					90+	HP Clear – Scratch & Chemical Resistant, Submersibility†, Great Leveling, Superior DOI
Low VOC Clears	Matte 0-4	Flat 5-9	Satin 10-29	Semi 30-79	Full 80+	Specialty Characteristic
281 228SP*			15-20			2.8 or 3.5 VOC Satin Clear Coat
282 208SP*					90-95	2.8 or 3.5 VOC Gloss Clear Coat
282 260SP*					90-95	Braco Anti-tarnish Brass, Bronze, Copper
290 228-1 (gallon kit)*			15-30			Superior UV Resistance, Graffiti Resistant, Long Term Durability and Protection
290 228-4 (quart kit)*			15-30			Superior UV Resistance, Graffiti Resistant, Long Term Durability and Protection
SV228SP*			15-30			2.8 or 3.5 Satin VOC Clear Coat
SV208SP*					90-95	2.8 or 3.5 Satin VOC High Gloss Clear Coat
Ultra Low VOC Clears	Matte 0-4	Flat 5-9	Satin 10-29	Semi 30-79	Full 80+	Specialty Characteristic
MAP-LVC238*	0-7					<50 g/L (.42 lbs/gl) VOC
MAP-LVC228*			15-30			<50 g/L (.42 lbs/gl) VOC
MAP-LVC208*					90+	<50 g/L (.42 lbs/gl) VOC

* Standard Stock Item.

** Special Order.

† Not intended for use as a coating for anti-fouling or use in marine applications

Consult the corresponding technical data sheet for application recommendations and performance characteristics.

Clear Coat Applications:

Clear Coat Metal

- Preserves appearance of decorative metals
- Protects against weathering
- Allows adjustment of gloss level
- Adds depth to appearance



Clear Coat Color

- Protects color against weathering
- Adds depth to appearance
- Allows adjustment of gloss level
- Protects color against scuffing and buffing



Clear Coat Multiple Colors

- Provides consistent gloss appearance over all colors
- Softens tape lines between colors

Alter Gloss Level

- Clear coat satin finish with gloss clear
- Clear coat gloss finish with satin clear
- Meet specifications with ADA gloss compliant clear



Plastic Prep Cleaner

Prepare Substrates for High-Quality UV Printing

Developed as an anti-static agent, Matthews Paint Plastic Prep Cleaner allows for high-quality printing on UV-printable substrates by cleaning the surface and eliminating static charge.



Features & Benefits:

- Allows for high-quality printing on PVC, textured PVC, acrylic, digital-grade printable substrates, polycarbonate, melamine and counter tops
- Cleans surface removing dirt, oils, dust, outgassing residue, and plasticizer migration
- Low maintenance, easy to use and apply
- More effective as an anti-static cleaning agent than isopropyl alcohol and ammonia-based glass cleaners



Importance of Eliminating Static Charge

Static electricity on a substrate's surface may affect print quality. Static can diffuse the ink drops, pushing them away from the designated adhesion point directed by the print head. It can also cause "drop fracture" or "drop break off" that creates hazy prints and un-sharp edges. This condition can also leave ink on the carriage, resulting in additional and more frequent maintenance issues.



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Application Directions

- 1 Transfer 6428SP Plastic Prep Cleaner into a clean plastic spray application bottle.
- 2 Use lint-free cellulose wipes/sheets instead of towels (Blue "Shop Towels" or Kimberly-Clark "WypAll"). Fold wipes/sheets into square panels.
- 3 Use the spray bottle to "spritz" enough 6428SP Plastic Prep Cleaner to make the wipe/sheet damp but not enough to drip from the wipe/sheet.
- 4 Reach across to the middle of the substrate and wipe in linear (not circular) swipes, working your way back towards the outer edge of the substrate.
- 5 Repeat the linear cleaning motion across the substrate surface and from the other side to ensure the entire substrate has been cleaned.
- 6 Change folded sides of the wipe/sheet or the cloth itself after several wipes. Folding or changing wipes/sheets after several cleaning passes protects the substrate from transplanting unseen oils or plasticizers back onto the substrate.
- 7 Inspect the wipe/sheet as you progress through the cleaning process. If dragging along the edge, you may begin to catch the wipe/sheet and create snags or even shred the wipe/sheet. Replace as necessary.
- 8 Re-apply spray application of the 6428SP Plastic Prep Cleaner to the folded towel when it appears to become dry or when you replace wipe/sheet with a new one.

Application Notes

- Apply 6428SP Plastic Prep Cleaner with conventional or HVLP equipment.
- Each substrate panel should be cleaned thoroughly using the process described on the left before use in the printer.
- It is strongly recommended that the cleaning cloth be changed or "swapped out" after cleaning 2-3 boards. Even if the substrate appears not to be that dirty or dusty, repeated use of the same cleaning cloths ultimately transfers contaminants/oils from one sheet to the next.
- Printability of various substrates is always subject to testing. Various factors can affect the print quality such as: white point, surface variations, stability of substrate when subjected to heat, dyne level/surface tension of the substrate, cleaning, and static.

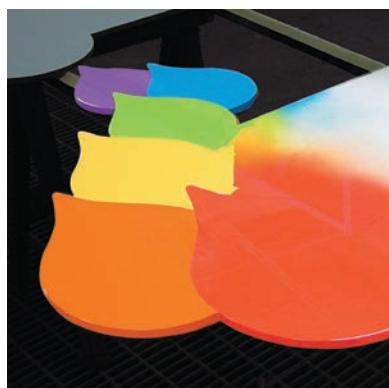
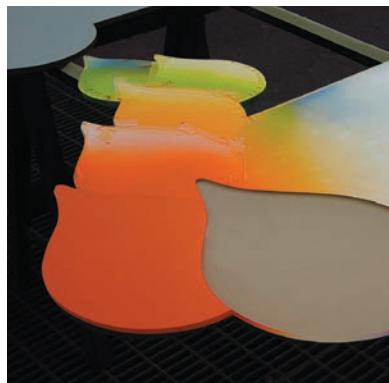


Low VOC Basecoat Converter



Paint a Multicolor Sign in Hours Rather than Days

Matthews Paint (MP) Low VOC Basecoat Converter allows for quick application of multicolor layouts, provides improved metallic control, and exhibits the highest possible gloss and distinctiveness of image.



Features & Benefits:

- Converts MP conventional and low VOC acrylic polyurethane colors into a basecoat/clearcoat system
- Allows for quick application of multicolor layouts
- Minimizes need for additional bank of toners
- Low VOC is better for the environment
- Faster tape and vinyl application times
- Improved metallic control
- Can be used with solid and metallic products
- Eliminates complicated mixing procedures
- Simple and easy mix ratio
- Covers large surface applications with ease
- Can be applied over any Matthews primer
- Provides a more consistent finish
- Exhibits highest gloss and distinctiveness of image
- Uses existing MP toners with one additive

Note: MP basecoat converter must be topcoated with a MP clear and cannot be used with the MP Ultra Low VOC product line.



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Low VOC Basecoat Converter



Dry Times Chart

Low VOC Basecoat Converter

287103SP - MAP Low VOC Basecoat Converter

Reduce Dry Times Between Coats	287103SP without Accelerator	287103SP with Accelerator
• Dust Free	5-15 min.	5-10 min.
• To Handle	5-20 min.	5-15 min.
Faster Tape Times	20-40 min.	10-30 min.
To Clearcoat	15-45 min.*	15-45 min.*

*If waiting up to 12 hours or more to clearcoat, surface must be lightly scuffed and cleaned before clearcoat application.



Technical Training Class



The Matthews Paint training class is one your business can't afford to pass up and it is absolutely

Free to Attend!

This 2-day class is structured to contain both "hands-on" spraying (40% of training) as well as classroom-style technical training (60% of training), at a price that fits any company budget—FREE! (Lodging is not included.)



Register Online Today

at www.matthewspaint.com
or contact the Training Department
at 800.970.2283.

See **Class Schedule** on back.

Goals:

- To provide a wide assortment of paint application and industry topics to all paint professionals through our hands-on approach
- To educate sign professionals with the most current information on our new and existing products
- To boost the efficiency and production of paint applicators

Participants Receive:

- Training manuals
- Latest technical and safety information
- Various substrate samples you'll paint and take with you
- MPC T-shirt
- Hands-on substrate preparation and primer/paint application
- Wet film gauge, mixing cups and mixing stick
- Breakfast and lunch on class days
- Certificate of completion

Topics Covered:

- Safety
- Material safety data sheets
- Volatile organic compound (VOC) review
- Primer and paint chemistry
- Fundamentals of painting
- Shop and spray equipment
- Substrate cleaning and preparation review
- Matthews primers, topcoats, basecoat capability, metallics, clearcoats, cleaners, additives and specialty products
- Basic troubleshooting
- Mix station overview
- Online color retrieval process

Who Benefits?

Paint applicators, product foremen, paint line supervisors, paint shop managers, paint department associates, local distributors, distributor sales personnel, sign fabrication business owners



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2018 Class Schedule

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or contact the Training Department at 800.970.2283.



Date	Location	Territory / Trainer
February 14-15	Houston, TX	Davis
February 20-21	Atlanta, GA	Waddell
February 28-March 1	Kansas City, MO	Evans
March 7-8	Baltimore, MD	Waddell
March 21-22	Orlando, FL	Evans
March 28-29	Chicago, IL	Waddell
April 18-19	Los Angeles, CA	Davis
May 9-10	Atlanta, GA	Waddell
May 16-17	Orlando, FL	Evans
May 23-24	Columbus, OH	Waddell
June 6-7	San Francisco, CA	Evans
June 13-14	Seattle, WA	Davis
June 20-21	Toronto, Canada	Evans
July 18-19	Los Angeles, CA	Davis
August 8-9	Hartford, CT	Waddell
August 15-16	Chicago, IL	Davis
August 22-23	Minneapolis, MN	Waddell
September 12-13	Kansas City, MO	Waddell
September 19-20	Orlando, FL	Evans
September 26-27	Montreal, Canada	Evans
October 10-11	Houston, TX	Davis
October 17-18	Atlanta, GA	Waddell
October 24-25	Pittsburgh, PA	Evans
October 31-November 1	Los Angeles, CA	Davis
November 14-15	Baltimore, MD	Evans

PPG Business Development Center locations are used for Matthews Paint Training. Matthews Paint is a PPG Industries company.
8 person minimum and 12 person maximum in all classes.