

MPC181

VOC Gloss Clear

282 208SP

VOC Gloss Clear 282 208SP is a two-component, high gloss 2.8 or 3.5 VOC compliant, acrylic polyurethane clear, which is produced from the same technology that makes our colors unparalleled in their resistance to the elements.

282 208SP VOC Gloss Clear is formulated with a UV screening package that ensures protection of the color and substrate underneath.

282 208SP VOC Gloss Clear is designed for topcoat applications to protect color coated signage components and vinyl graphics or to highlight architectural metals.



Features:

- 2K Acrylic Polyurethane
- UV Resistant

Benefits:

- Chemically Resistant
- Most graffiti wipes right off with the appropriate solvent
- Great gloss retention

Compatible Surfaces:

282 208SP VOC Gloss Clear may be applied over:
All VOC and SVOC MAP® Acrylic Polyurethane colors
74 777SP Tie Bond
74 793SP Spray Bond

Required Products:

283 800SP VOC MAP® Catalyst
287 484SP HS Turbo Enhancer

2.8 VOC Reducers

6370SP Exempt Cool Temperature, 60 - 75°F (16 - 24°C)
6371SP Exempt Warm Temperature, 70 - 85°F (21 - 29°C)
6372SP Exempt Hot Temperature, 80°F (27°C) & above

3.5 VOC Reducers

6300SP Cool Temperature, 60 - 75°F (16 - 24°C)
6301SP Warm Temperature, 70 - 85°F (21 - 29°C)
6302SP Hot Temperature, 80°F (27°C) & above

282 208SP

Directions for Use

Surface Preparation:

Substrate should be prepared according to product instructions prior to clearcoat application.

Mix Ratio:

Mix Ratios (by volume)



282 208SP VOC Gloss Clear	283 800SP VOC MAP Catalyst	Appropriate 2.8 or 3.5 VOC Reducer	+ 287 484SP * HS Turbo Enhancer
3 parts	1 part	1 part	+ 4 oz. per RTS Gal.

** Reducing the amount of 287 484SP will significantly increase your dry times and will also increase your pot life. All information provided is based off of mixing 4 oz. of 287 484SP per RTS gallon. Adding 1 to 4 oz. per RTS gallon is recommended for best dry time and pot life.*

Do not add more than 4 oz. per RTS gallon of 287 484SP, doing so, will compromise the coatings performance over time.



Pot life is 1 - 2 hours at 70°F (21°C)

Reducers:

Exempt MAP Reducers (2.8 VOC):

6370SP	Exempt Cool Temperature, 60 - 75°F (16 - 24°C)
6371SP	Exempt Warm Temperature, 70 - 85°F (21 - 29°C)
6372SP	Exempt Hot Temperature, 80°F (27°C) & above

Low VOC MAP Reducers (3.5 VOC):

6300SP	Cool Temperature, 60 - 75°F (16 - 24°C)
6301SP	Warm Temperature, 70 - 85°F (21 - 29°C)
6302SP	Hot Temperature 80°F (27°C) & above

Additives:



287 484SP HS Turbo Enhancer - Required for optimum dry time & pot life.

Not required, but the following may be used for specific application or project needs:

- 287 112SP Medium Suede Additive
- 287 113SP Suede Additive
- 287 750SP Exempt Flattening Paste
- 287 950SP HS Flattening Paste

Spray Set Up:



Air Pressure:	Conventional:	40 - 50 psi at the gun
	HVLP:	10 psi at the cap
	Pot Pressure:	15 - 18 psi

Gun Set Up:	Siphon Feed:	1.4 mm 0.055 fluid tip
	HVLP:	1.4 mm 0.055 fluid tip
	Pressure Pot:	1.2 mm 0.046 fluid tip

Application:



Apply: 1 full wet coat
Flash 5 - 10 minutes between coats
Follow with a second full wet coat

Recommended
Wet Film Thickness: 2 coats @ 1.5 - 2.0 mils/coat

Recommended
Dry Film Thickness: 2 mils minimum (DFT)

Caution: All 2-component crosslinking stops or slows significantly at temperatures below 60°F or 16°C. Never spray or subject freshly painted coatings to these conditions or loss of gloss, poor water and chemical resistance, decreased durability and improper curing will occur.

Directions for Use

Drying Times:



Dry Times at 70°F (21°C)		
Dust Free Time		
with 287 484SP HS Turbo Enhancer		20 - 30 minutes
Set to Handle		
with 287 484SP HS Turbo Enhancer		60 - 90 minutes
Tack Free		
with 287 484SP HS Turbo Enhancer		1.5 - 2 hours
Taping Time		
with 287 484SP HS Turbo Enhancer		4 hours

Equipment Cleaning:

Clean up equipment promptly with 45 340SP Cleanz-It or an all-purpose cleanup solvent.

Do not leave mixed material in equipment.

Technical Data:

2.8 VOC Information

282 208SP VOC Gloss Clear	3.16
283 800SP VOC MAP Catalyst	0.94
6370SP, 6371SP, 6372SP Exempt Reducers	0.00
287 484SP HS Turbo Enhancer	7.65
Ready to Spray (3:1:1 + 4 oz. 287 484SP/RTS Gal.)	2.8

3.5 VOC Information

282 208SP VOC Satin Clear	3.16
283 800SP VOC MAP Catalyst	0.94
6300SP, 6301SP or 6302SP Reducer	6.40
287 484SP HS Turbo Enhancer	7.60
Ready to Spray (3:1:1 + 4 oz. 287 484SP/RTS Gal.)	3.17

Performance Characteristics

Volume solids	54.45%
Volume solids (RTS)	48.76%
Weight solids	61.11%
Weight solids (RTS)	54.99%
Theoretical Coverage (1.0 mil @ 100% transfer efficiency)	782 sq.ft./RTS gal.
Application Conditions	60°F (16°C) minimum 100°F (38°C) maximum
Relative Humidity	85% maximum 5° above dew point
Gloss	High 90° ± 5° w/60° meter
Flash Point (Tag closed cup)	Below 80°F (27°C)

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VOC Gloss Clear

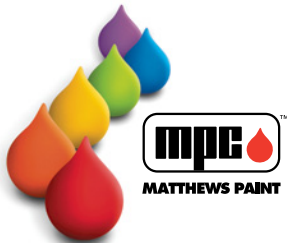
Important:

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320; MEXICO 01-800-00-21-400

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein. If you require technical assistance, please call us toll-free 800/323-6593.



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760 Pittsburgh Drive
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