



6178SP

6178SP High Performance Clear is a premium-quality 3.5 VOC high gloss clear which offers outstanding chemical and graffiti resistance.

6178SP produces an unsurpassed hard, durable finish with excellent gloss, scratch & chemical resistance and DOI.



Features

- Graffiti resistant
- Chemical resistant
- High impact, mar, and abrasion resistance
- Submersible
- 3.5 VOC

Benefits

- Quick graffiti removal
- Can be exposed to many different environments
- No loss of gloss in adverse environmental conditions
- Impervious to chlorine & other harsh chemicals
- High solids

Compatible Surfaces

6178SP High Performance Clear may be applied over:

- MAP®
- VOC MAP®
- Satin MAP®
- SVOC MAP®

Warning: Cannot be applied directly over 274 777SP Tie Bond or 274 793SP Spray Bond. If Tie Bond or Spray Bond is used, apply one coat of conventional clear then apply High Performance Clear.

Required Products

Catalyst: 6278SP, High Performance Catalyst

Reducers: 6378SP-S, HP Clear Reactive Reducer - Slow, 80°F (27°C) & above

Directions For Use

Surface Preparation:

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



Mix Ratios (by volume):

6178SP High Performance Clear	:	6278SP High Performance Catalyst	:	6378SP-S Reducer
1 part	:	1 part	:	1/2 part

1/2 part of the Reactive Reducer must be added to obtain performance properties and to maintain 3.5 VOC.



Pot life 75°F (24°C) / 50% Humidity

4 hours with 6378SP-S 7.43 VOC

Reducers:

HP Clear Reactive Reducer: 6378SP-S, Slow, 80°F (27°C) & above



Additives:

None



Spray Set Up:

Air Pressure

Conventional.....55 - 60 psi at the gun

HVLP.....10 psi at cap

Pot Pressure15-18 psi

Gun Set Up

Siphon Feed1.4 mm - 1.8 mm

0.055 fluid tip

HVLP.....1.4 mm - 1.7 mm

0.055 fluid tip

(fluid delivery

12 - 14 oz./min.)

Pressure Pot1.2 mm 0.046 fluid tip



Application:

- Apply 2 – 3 medium coats
- Flash 15 - 20 minutes minimum between coats

Recommended Wet Film Thickness: 1.6 to 1.8 mils per coat

Recommended Dry Film Thickness: 1.5 to 2.5 dry mils

Caution: All 2-component crosslinking stops or slows significantly at temperatures below 60°F (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.

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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