Brushing and Rolling Additives

47444SP/04 Brushing/Rolling Additive
43621SP/04 Brushing Catalyst

Matthews brushing and rolling additives are designed to be mixed into conventional and low VOC* Matthews Acrylic Polyurethane topcoats and clears.

These additives provide maximum leveling and flow characteristics when paint brush or roller application is preferred.

The special blend of ingredients allows more open time for brush workability and air release agents help alleviate bubble formation when rolling.

*Excludes MAP-LV topcoats and MAP-LVC clears.



Compatible Surfaces:

MAP Conventional and Low VOC Topcoats and Clearcoats can be brushed or rolled over properly prepared:

6001SP/01 Polyester Primer Surfacer
6007SP/01 3.5 Gray Epoxy Primer
274685SP/01 U Prime
274808SP/01 Black Epoxy Primer
274908SP/01 White Epoxy Primer
274528SP/01 2.1 VOC Gray Epoxy Primer
274530SP/01 2.1 VOC White Epoxy Primer
274531SP/01 2.1 VOC Black Epoxy Primer
LVU100/01 Ultra Low VOC Epoxy Primer
Previously painted and cured finishes

Associated Products:

Matthews Acrylic Polyurethane Topcoats and Clearcoats (conventional and Low VOC)
Refer to specific Technical Data Sheets (TDS) for associated products.

Directions for Use

Surface Preparation:

Substrate should be prepared according to Matthews Substrate Preparation Guide prior to topcoat application. It is necessary to prime all areas of bare substrate. Refer to specific primer TDS for mixing instructions.
Note: For detailed preparation, priming, and painting information, refer to MPC332 Matthews Brush & Roll Process for Field Repair.

Mix Ratios for Conventional:

Mix Ratio for Brushing or Rolling (by volume)

Option 1:



MAP Color/Clear	:	43270SP/01 or /04 Universal Catalyst	:	47444SP/04 Brushing/Rolling Additive
3 parts	:	1 part	:	1 part

Option 2 (slowest/most flow):



MAP Color/Clear	:	43621SP/01 or /04 Brushing Catalyst	:	47444SP/04 Brushing/Rolling Additive
3 parts	:	1/2 part	:	1 part

- All components should be mixed thoroughly before using
- Strain material after mixing

Mix Ratios for SVOC and VOC:

Mix Ratio for Brushing or Rolling (by volume)



SVOC Color/Clear	:	283320SP/01 or /04 SVOC Catalyst	:	47444SP/04 Brushing/Rolling Additive
3 parts	:	1 part	:	1 part



VOC Clear	:	283800SP/01 VOC Catalyst	:	47444SP/04 Brushing/Rolling Additive
3 parts	:	1 part	:	1 part

- All components should be mixed thoroughly before using
- Strain material after mixing

Pot Life:



Pot Life: 8 hours
Pot-life is the amount of time before spray viscosity doubles. These are estimates based on lab results at 50% relative humidity, 70°F/21°C—results will vary based on application conditions.
Note: mix no more product than can be used within pot life.

Additives:



None

Directions for Use

Brushes & Rollers:



Rollers:
- Should be urethane-compatible foam, velour, woven polyester, mohair, or lambs wool. Other rollers may swell or dissolve.
- Examples:
  - 4" Whizz roller #34011 (yellow), #54011 (white w/ yellow/black stripe), #54060 (black), or #74011 (white and blue)
  - 4-1/2" Wooster roller #RR304 (white), #RR310 (green), or #RR311 (red)

Brushes:
- Use a china bristle or fine bristle nylon/polyester brush

Application:



Apply: Apply 1 - 2 coats, allowing proper flash time between coats*, to achieve the recommended total dry film thickness.
Apply coats as evenly as possible to provide a uniform appearance and coverage.
Brush or Roll from bottom to top, then top to bottom, using a 50% overlap.
*Allow first coat to dry to the touch before applying the second coat. Flash times will vary dependent upon film thickness, temperature, application, etc.

Recommended Film Thickness:		Per Coat	Total
	Wet Film Thickness (WFT)	3.0 - 4.0 mils	6.0 - 8.0 mils
	Dry Film Thickness (DFT)	1.0 mil	2.0 mils

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

Estimated Drying Times:



Air-Dry @ 50% Relative Humidity, 70°F/21°C
Dry time will vary by temperature and humidity.
Dry times will increase with lower temperatures.
Refer to specific product sheets for flash, tack and dry times of all products.

Recoating: Paint films cured over 24 hours should be cleaned, lightly dry scuff sanded with 320 – 400g by hand/machine or wet sanded with 600g, then cleaned again before recoating.

Equipment Cleaning:

Clean equipment promptly with lacquer thinner or equivalent cleaning solvent.
Note: Do not leave mixed material in equipment.

Technical Data:

VOC Information (conventional topcoats and clears)

VOC Actual RFU	4.47 - 5.17 lbs/gal
VOC Actual RFU	536 - 620 g/L
VOC Regulatory (less water less exempt) RFU	4.47 - 5.17 lbs/gal
VOC Regulatory (less water less exempt) RFU	536 - 620 g/L

VOC Information (VOC and SVOC topcoats and clears)

VOC Actual RFU	2.34 - 3.33 lbs/gal
VOC Actual RFU	280 - 399 g/L
VOC Regulatory (less water less exempt) RFU	3.34 - 3.42 lbs/gal
VOC Regulatory (less water less exempt) RFU	400 - 410 g/L

For complete VOC information, visit MatthewsPaint.com > Quick Links > VOC Data

47444SP/04 & 43621SP/04

Brushing/Rolling Additives

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 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.
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