



Ultra Low VOC Brush & Roll Reducer

MAP-LVRB51/01*

MAP-LVRB51/01* Ultra Low VOC Brush & Roll Reducer is designed to be mixed in Ultra Low VOC Acrylic Polyurethane color or clearcoats to provide maximum leveling and flow characteristics when brush and roll application is preferred.

This product allows more open time for brush and roll workability.

MAP-LVRB51/01* meets the most stringent VOC regulations.

*Also available in /04



Features:

Provides maximum flowIdeal for brush and roll applications
Zero VOCMeets the most stringent VOC regulations

Benefits:

Compatible Surfaces:

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

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

Associated Products:

MAP LV Topcoats and Clearcoats

- MAP-LVS (solid colors only)
- MAP-LVG (solid colors only)
- MAP-LVC208/01
- MAP-LVC228/01
- MAP-LVC238/01

Catalyst

- MAP-LVX270/01* Catalyst
- *Also available in /04

MAP-LVRB51/01*

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 Ratio:



Mix Ratio for Spraying (by volume)

MAP-LV color/clear : MAP-LVX270/01 or /04 : MAP-LVRB51/01*
3 parts : 1 part : 1 part

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



Pot Life:

MAP-LVG, LVC208/01 with MAP-LVRB51/01* 1 hour

MAP-LVS, LVC228/01, LVC238/01 with MAP-LVRB51/01* 2 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

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

*Also available in /04

MAP-LVRB51/01*

Directions for Use

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.

		Per Coat	Total
Recommended Film Thickness:	Wet Film Thickness (WFT)	2.0 - 3.0 mils	4.0 - 6.0 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

VOC Packaged	0.0 lbs/gal
VOC Packaged	0 g/L

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

*Also available in /04

MAP-LVRB51/01*

Ultra Low VOC Brush & Roll Reducer

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. If you require technical assistance, please call us toll-free 800/323-6593.

*Also available in /04



The World's Finest Coating For Architectural Signage

760 Pittsburgh Drive
Delaware, OH 43015
Toll Free: 800/323-6593
Toll Free FAX: 800/947-0377