MPC193

Ultra Low VOC Brush/Rolling Reducer

MAP-LVRB51

The Ultra Low VOC Brush/Rolling Reducer MAP-LVRB51 is a reducer designed to be mixed in Ultra Low VOC Matthews Acrylic Polyurethane color or clear coats to provide maximum leveling and flow characteristics when paintbrush or roller application is preferred.

This product allows more open time for brush workability.



Compatible Surfaces:

MAP Ultra Low VOC® topcoats containing MAP-LVRB51 Brushing/Rolling Reducer may be brushed or rolled over the following compatible pretreatments and primers to meet most VOC regulations:

MAP-LVU100 Epoxy Primer	6001SP Polyester Primer Surfacer
MAP-LVU200 Epoxy Primer	274 685SP/274 686SP U Prime
74350SP Non-Chromate Etch Primer	274 908SP/274 909SP White Epoxy Primer
274228SP/274229SP E-Prime	274 808SP/274 909SP Black Epoxy Primer

Note: *MAP-LVRB51 Brushing/Rolling Reducer **can not** be added into any Matthews undercoats. Reducer is only compatible when mixed with Matthews Acrylic Polyurethane topcoats.*

Caution: *Brushing/Rolling Reducer is not recommended for use in any metallic topcoats due to color change.*

Required Products:

MAP Ultra Low VOC® Topcoats

MAP-LVX270 Topcoat Hardener Brush/Roll

MAP-LVRB51

Directions for Use

Surface Preparation:

Substrate should be prepared according to undercoat instructions prior to topcoat applications. See substrate preparation guide online at www.MatthewsPaint.com.

Mix Ratios:



Mix Ratios (by volume)

MAP-LV Color or Clear	MAP-LVX270 Hardener	MAP-LVRB51 Brush/Roll Reducer
3 parts	1 part	1 part





- Mix no more material than will be used in a 30 minute to 4 hour window, depending on reducer selection.
- Strain material following mixing.

Pot life is approximately 30 minutes to 4 hours depending on reducer selection at 70°F (21°C).

Additives:



None

Application:





Apply:	1 wet coat @ 2.0 mils Flash 5 -10 minutes between coats 2 mils wet film thickness
Recommended Wet Film Thickness:	2 coats @ 2.0 mils/coat
Recommended Dry Film Thickness:	1.5 - 2.0 mils

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

Directions for Use

Equipment:

It is important to apply the paint with high quality applicators.

Brushes: Use PPG Pro Master White China Bristle Brushes PPG# 27476 thru 27481.

Rollers: Use 4" Whizz Style, mohair or lambswool roller covers.
Ensure the roller covers are solvent resistant.
Choose nap size based on texture of surface being painted: shorter nap works best on smoother surfaces, longer nap works best on textured surfaces.

Equipment Cleaning:

Clean brushes, roller covers and other paint contaminated equipment promptly with an all-purpose compliant cleanup solvent. Do not leave mixed material in equipment.

Technical Data:

VOC Information

VOC Package = 0.00

Performance Characteristics

Theoretical Coverage *1.0 mil @ 100% transfer efficiency)* MAP with MAP-LVX270 Catalyst	487 - 551 sq.ft./RTS gal.
Application Conditions	60°F (15°C) min. 100°F (38°C) max.
Relative Humidity	85% max. 5° above dew point
Flash Point *(Tag closed cup)*	100°F (38°C)

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.

MAP-LVRB51

Ultra Low VOC
Brush/Rolling Reducer

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

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Part No. MPC193 06/16