



Water Based White Backer

Lacryl[®] LEF2003/PL

LACRYL LEF2003/PL is an environmentally friendly water based white backer used to eliminate “hot spots” for illuminated signs.

LEF2003/PL is formulated in water, has the same performance qualities as Lacryl 400 Series products and is compliant with the most stringent VOC regulations in the country.

Important: Do not allow to freeze!



Compatible Surfaces:

Lacryl LEF2003/PL may be applied over properly prepared:

- Polycarbonate
- Acrylics
- Lacryl 400 Series Topcoat

Lacryl[®] LEF2003/PL

Directions for Use

Application:



Once Lacryl 400 is applied to desired color, LEF2003/PL can be used as a white backer to eliminate “hot spots”.

- Apply when ambient air, product and substrate temperature are above 50°F/10°C and at least 5°F/3°C above dew point.
- To ensure uniform application, face should be placed in front of a light bank before applying Lacryl LEF2003/PL.
- To remove static charge, lightly mist surface with Matthews 6428SP/01 Plastic Prep.
- Stir Lacryl thoroughly before use and agitate often during use.
- Using a 50 to 75% overlap, apply several coats with a gun distance of 8-10 inches from the surface.
- Allow proper flash time between coats.*
- Vary the direction of the passes (i.e. apply some horizontally, some vertically, and some diagonally). This is to make sure that a uniform coating of paint is applied.
- Build up coats gradually. Over application of paint could result in blotchy, uneven appearance.

*Flash times will vary dependent upon film thickness, temperature, spray gun set-up, application, etc.

Estimated Drying Times:



Air-Dry @ 50% Relative Humidity, 70°F/21°C

Dry to touch:	30 minutes
Dry to handle:	1 hour
Dry to remask using Sign Strip:	2 hours
Dry time before exposure to weather:	24 hours

Equipment Cleaning:

For cleaning wet paint, use water only.

For cleaning overspray or dried paint, use ZZ205/01 Thinner or ZZ206/01 Cleaner Remover.

Note: Do not leave mixed material in equipment.

Technical Data:

VOC Information

VOC Actual RTS	1.09 lbs/gal
VOC Actual RTS	131 g/L
VOC Regulatory (less water less exempt) RTS	3.21 lbs/gal
VOC Regulatory (less water less exempt) RTS	384 g/L

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

Performance Characteristics

Volume solids (RTS)	19.9% by weight (403 white)
Theoretical Coverage (1 mil @ 100% transfer efficiency)	319 sq.ft./RTS gal
Application Conditions - Temperature	60°F (16°C) Minimum 100°F (38°C) Maximum
Application Conditions - Relative Humidity	85% maximum 5° above dew point

Lacryl[®] LEF2003/PL

Important: This is a water base compound and should be protected from freezing. Recommended storage temperature is 55° F to 90° F. 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.



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