

LLumar & Vista Window Film Care and Maintenance Instructions

For Solar Control & Safety/Security Window Films

Read Before Cleaning

You may notice that your freshly installed window film has a dimpled, textured or "lumpy" appearance when looking at or through it. (This is especially true of sputtered metal films.) Sometimes the film will have a milky or clouded look in spots. This is quite common and a normal part of the drying process. As moisture from the application solution slowly evaporates through the film, the lumpiness and/or cloudiness will slowly diminish. Within two to eight weeks it should dry completely, depending on the film product, temperature, and humidity. Normal curing periods range from 7-60 days.

Recommended Cleaning Compounds and Procedures

For best results, clean your windows with a soft, clean, rubber squeegee or cotton (or microfiber) cloth and common household-strength liquid glass cleaners, such as Windex®, GlassPlus®, or silicone cleaner/polishing compounds specifically made for window films. These latter compounds are generally available through your dealer. Follow label instructions for such products. Or, another excellent and inexpensive window cleaner may be mixed and used as follows:

1. In a pint or quart spray bottle mix ½ part distilled or mineral free water, ½ part rubbing alcohol (isopropyl), and 3 drops of liquid dish detergent. Shake well.
2. Mist the window lightly and uniformly with your cleaner. Use a CLEAN, SOFT COTTON OR MICROFIBER CLOTH OR SOFT PAPER TOWELS to gently stroke dry the window, turning the cloth/towel often. Pure rubbing alcohol on a cotton cloth will quickly dissolve the heaviest smudges and greasy fingerprints. If smudges remain, re-spray pane and use a soft rubber squeegee to stroke-dry the glass in horizontal passes, from top to bottom. Towel-dry the film borders.
3. Residual glue or adhesive from masking tape, Scotch tape, or decals that have been applied to (and removed from) the filmed window may be quickly and completely removed by very gently stroking the affected area with a soft cotton cloth dabbed with pure ACETONE (nail polish remover). Acetone in small amounts is harmless to polyester films but immediately dissolves adhesives and most paint over-spray, evaporating completely.
4. Never use razor blades, scrapers, or abrasive cleaning compounds on window film products.
5. Note: for EnerLogic Films, steps 1-4 above may be used as well.



For more information, please contact U.S. Film Crew at 412-961-TINT or visit www.usfilmcrew.com/maintenance



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Special Cleaning Instructions for LLumar Exterior Films

All exterior films (in the NHE, RHE, & SHE series) utilize a proprietary protective weatherable layer that easily sheds dirt particles and is designed to withstand weathering during the warranty period. Never use solvents, and never rub or scour the surface except as indicated here, or fine scratching may result.

This product is easily cleaned, and sheds most dirt in normal wind and rain. Should a pane need cleaning, because it is sheltered, for example, by an awning that blocks the rain, spray the pane with mild soapy water under moderate pressure, and rinse with clean water. Spray again with soapy water and use a soft, wet, soapy sponge to gently rub the film surface. Rinse the pane clean with clear water, again under moderate pressure. Use a clean, soft rubber squeegee to dry if desired. Use extreme caution to ensure that no metal objects strike the film surface. Never use motorized pressure sprayer equipment or water under greater pressure than household water pressure.

Avoid using any cleaning solutions that contain ketones such as methyl ethyl ketone (MEK) or acetone. We do NOT recommend standard window washing with brushes, paper towels, or abrasive pads or cleaners.

Warranty

If your residential or commercial window film is provided with a warranty, see that form for details, which may vary according to product type. Neither Eastman nor the installation dealer can be responsible for damage that is the result of improper cleaning, physical impact, or abuse, nor for glass breakage subsequent to installation from any cause except as expressly provided for by Eastman Chemical Company or the installing Dealership. For questions or service, contact your installing dealership or Customer Service at Eastman's Advanced Materials - Performance Films: 1-800-528-4481. [Revised 10/2013]



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