



LoE-i89™ Glass Important Information

LoE-i89 is an energy-saving 4th surface coated glass from Cardinal® that offers more light transmittance and less reflectance. Milgard offers two packages that use LoE-i89 coated glass: High Altitude North and High Altitude North Central. The new packages, in combination with our product rules, will enable products with breather tubes to meet the corresponding ENERGY STAR® requirements.

Easy To Clean

What's more, the LoE-i89 surface is smooth and scratch resistant making it easier to remove label residue and clean. And perhaps most importantly, there's no haze to mar the view.

Standard cleaning solutions, such as a soap solution with clean water, or standard commercial cleaning products (like Windex®) can be used to clean the LoE-i89 coating.

Care and Maintenance

AVOID RUST REMOVERS

Many rust removal products contain hydrofluoric acid (HF) and should not be used. HF containing materials, including rust removers, will attack glass and the LoE-i89 coating causing permanent damage.

AVOID ABRASIVE CLEANING PRODUCTS

Abrasive cleaning products including cerium oxide, Soft Scrub®, and Bar Keepers Friend® should not be used on the LoE-i89 coating. In addition, scratch removal should not be attempted. Buffing with the aforementioned products may cause changes in the appearance of the coating.

AVOID RAZOR BLADES

Razor blades or other sharp instruments should not be used when cleaning the LoE-i89 glass surface. If a squeegee is used to clean the coated glass surface, the squeegee should not have any metal edges exposed as the metal edges could scratch the coating or glass.

AVOID FURNITURE POLISH

If furniture polish or similar materials are used on the wood components of the window, care should be taken to avoid overspray onto the coated glass. If that occurs, clean the glass immediately.

Interior Condensation

When LoE-i89 glass is used in a dual pane window, the interior pane will be colder than glass that is not treated with the LoE-i89 glass coating. The slightly cooler roomside pane has the potential for a higher probability of interior condensation. This is very dependent on the outdoor ambient temperature, indoor room temperature and percentage of relative humidity in the room.