



SERVICE BULLETIN

Subject: Windows Protective Liner Product Maintenance
Applicable Products: **Windows**
Effectivity: All

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Introduction

This bulletin provides a brief description of the technical issue plus a brief description of what is needed to deal with that issue.

Incorporation

Ricon requires the incorporation of this service bulletin as soon as possible.

Information

Windows sacrificial protective liner products require periodic maintenance. The following information explains why protective window liners must be periodically maintained.

Ventilation Holes in Liners

Sacrificial window liners (Glass Guard) utilized in Transit Care windows and/or Glass Guard retrofit systems for use in windows manufactured by companies other than Transit Care, do not require ventilation holes drilled through the liner itself. The Transit Care metal clip and flexible plastic wedge system is designed to provide the necessary ventilation for the sacrificial liners. Windows manufactured by companies other than Transit Care which include a sacrificial liner from the window manufacturer, may require a ventilation hole through the liner as the liner retention system may seal the periphery of the liner, therefore requiring a ventilation hole through the liner.

Hazing, Debris, Fogging

The sacrificial protective window liners utilized in Transit Care Glass Guard and 3-Minute Window systems are intended to act as a protective shield for the primary glazing. The liner retention systems are not designed to replicate the functions of insulated (dual pane) glass. Unlike insulated glass systems in which the glass panels are sealed together in a controlled environment, it is impractical to achieve a positive seal between a sacrificial liner and the primary glazing, especially considering that the liners require periodic field replacement. Since such a seal is unachievable in the field, it is necessary to provide ventilation between the liner and primary glazing in order to minimize the entrapment of moisture. It is normal to experience some infiltration of moisture, debris, and dust over a period of time. This time period may vary greatly depending upon geographic locale and climate, among numerous other factors. Acrylic and polycarbonate liners can develop a static electrical charge. Static electricity will attract airborne or nearby particles, such as dust and chips, and hold them tightly to the sheet's surface. Commercially available cleaners for plastics reduce static electricity and dust attraction.

Life Expectancy of Sacrificial Liners

Sacrificial protective liners are typically manufactured from either acrylic or polycarbonate sheet which affords both flexibility for installation and durability for the intended purpose. Due to the nature of these materials, it is unrealistic to expect a liner to perform with the same characteristics of glass. It may be best to envision a protective liner simply as an expendable medium to protect the glazing, much in the same way as one would view automotive wax as a paint protector. They both require periodic cleaning and/or replacement.

Caution

Damage to protective liner may occur by using ammonia-based glass cleaners or solvents or by using soiled cloths.
DO NOT Use ammonia-based glass cleaners or solvents. This will damage your liner.
DO NOT Wipe liners without first applying a cleaner/polish designed for plastics.
DO NOT Use soiled cloths as they will scratch the liner.

Maintenance Action

Windows sacrificial protective liners are intended to protect the glazing and must periodically be maintained.

To Clean

1. Working in small sections, spray a small amount of cleaner/polisher onto surface.
2. Wipe gently with a clean cloth until the cleaner/polisher is totally absorbed.

Parts Involved

Clean and lint-free cloths or 100% cotton diapers.

An acrylic surface cleaner/polisher such as Plexus Cleaner or Brillianize All-Purpose Polish

Labor

Maintenance involves cleaning of the protective window liner which requires approximately 5-10 minutes for each protective window liner.