POLYVANTIS

# BUS WINDOW GLAZING

## WITH LEXAN™ MARGARD™ SHEET



## SAFE, LIGHTWEIGHT & ANTIVANDAL BUS WINDOW GLAZING

Choosing LEXAN™ polycarbonate (PC) sheets for bus window glazing instead of traditional glass has several advantages. They are highly impact resistance, making them more durable and shatter-resistant than glass. This can enhance passenger safety and reduce downtime from vandalism.

Additionally, LEXAN polycarbonate sheet is lighter than glass, which can contribute to improved fuel efficiency and reduced overall vehicle weight. For conventional and electric buses, this can be vital in improving energy efficiency, lowering operating costs, and reducing emissions.

When used as a flat sheet in bus window glazing, coated LEXAN sheet provides added protection against scratches, impacts and UV radiation while maintaining visibility. It's a popular choice for improving the longevity and safety of bus windows.

### PRODUCT SELECTION

LEXAN MARGARD sheet combines the impact strength of LEXAN PC sheet with a proprietary coating that offers abrasion and UV resistance approaching glass in performance.

With an unwavering focus on safety, durability, and clarity, LEXAN MARGARD sheet sets a benchmark for modern glazing materials.

### INTERESTING FACT

LEXAN MARGARD sheets serve as a formidable defense against graffiti and vandalism. They are highly durable due to their polycarbonate composition making it difficult for vandals to cause damage. The specialized coating is resistant to graffiti, making it hard for paint and markers to bond to the sheet.



## POTENTIAL BENEFITS

### ABRASION RESISTANT
Excellent mar-resistance & UV protected (coated on 1 or 2 sides)

### EXTREMELY HIGH IMPACT STRENGTH
Virtually unbreakable against damage & abuse which may decreases maintenance costs

### LIGHT WEIGHT AND EASY TO INSTALL
Less then half the weight of glass

### COST SAVING
Improved fuel & energy efficiency by reducing overall vehicle weight

### EASY TO CLEAN
If graffiti does occur, the sheet withstands repeated cleaning with common UV resistance cleaning agents

### EXCELLENT OPTICAL CLARITY
Clear and tinted colors, with transparency up to 90%



## VIDEOS

LEXAN™ Cleaning & graffiti removal guidelines

LEXAN Impact performance

For more information on compatible cleaners and cleaning methods, please contact your local POLYVANTIS representative.

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www.polyvantis.com

LEXAN™ POLYCARBONATE FILM & SHEET | Tough, Virtually Unbreakable