

# BUS WINDOW GLAZING

WITH LEXAN™ MARGARD™ SHEET



## SAFE, LIGHTWEIGHT & ANTI-VANDAL 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 polycarbonate 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



### EXTREMELY HIGH IMPACT STRENGTH

Virtually unbreakable against damage & abuse which may decrease maintenance costs



### LIGHT WEIGHT AND EASY TO INSTALL

Less than half the weight of glass



### ABRASION RESISTANT

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



### 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



Graffiti Removal on LEXAN™ MARGARD™ MR10 sheet



Cleaning Instructions of LEXAN™ sheet



Impact Performance LEXAN™ sheet

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

## CONTACT US

### Americas

SABIC  
Functional Forms  
2500 CityWest Boulevard  
Suite 100  
Houston, Texas 77042  
USA  
T +1 8 00 323 3783  
E [spinside.sales@sabic.com](mailto:spinside.sales@sabic.com)

### Europe

SABIC  
Functional Forms  
Plasticslaan 1  
4612 PX  
Bergen op Zoom  
The Netherlands  
T +31 (0)164 293684  
E [ff.info@sabic.com](mailto:ff.info@sabic.com)

### Pacific

SABIC  
Functional Forms  
2550 Xiupu Road  
Pudong  
201319 Shanghai  
China  
T +86 20 2866 6168  
E [ff.info@sabic.com](mailto:ff.info@sabic.com)

THE MATERIALS, PRODUCTS AND SERVICES OF SABIC INNOVATIVE PLASTICS HOLDING BV, ITS SUBSIDIARIES AND AFFILIATES ("SELLER"), ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH CAN BE FOUND AT <http://www.sabic.com> AND ARE AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION OR RECOMMENDATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SELLER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING SELLER'S PRODUCTS, SERVICES OR RECOMMENDATIONS. EXCEPT AS PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user is responsible for making its own determination as to the suitability of Seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. No statement by Seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of such product, service or design in a manner that infringes any patent or other intellectual property right.

SABIC and brands marked with ™ are trademarks of SABIC or affiliates.

© Copyright 2023. All rights reserved.

