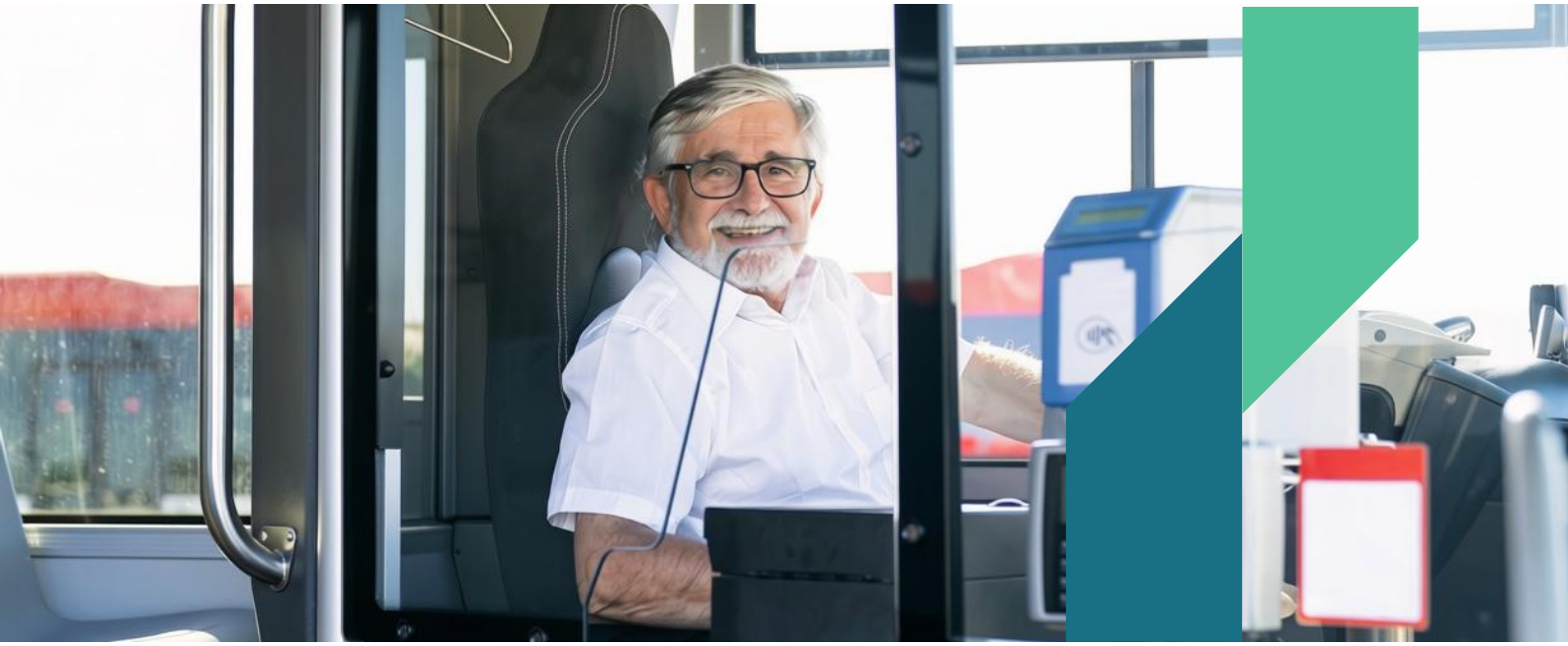
POLYVANTIS

ANTI-REFLECTIVE, IMPACT RESISTANT BUS OPERATOR BARRIER GLAZING

WITH LEXAN™ MARGARD™ MRAR2 SHEET



See the difference.
Reduce reflections. Improve visibility!

10 YEARS warranty

LEXAN™ MARGARD™ MRAR2 polycarbonate sheet redefines bus operator protective barrier glazing through advanced anti-reflective technology. It combines the proven strength of LEXAN polycarbonate sheet with reduced reflectance and glare to significantly improve optical clarity. A direct replacement to glass that reduces weight and increases safety.

UNIQUE SOLUTION

- **Advanced anti-reflective technology** for improved optical clarity
- **50% weight savings** vs. laminated glass of the same thickness
- **Supports quick replacement** with existing hardware to minimize downtime
- **Easy to clean and maintain for everyday use**
- **250x more impact resistant than glass** for enhanced protection and durability
- **Supports lighter-weight operator doors or sliding barriers** to help reduce operator strain
- **Enables design flexibility** for specific requirements by bus design
- **Compliant to FMVSS/CMVSS 205 as AS4 safety glazing**

LEXAN™ SHEET

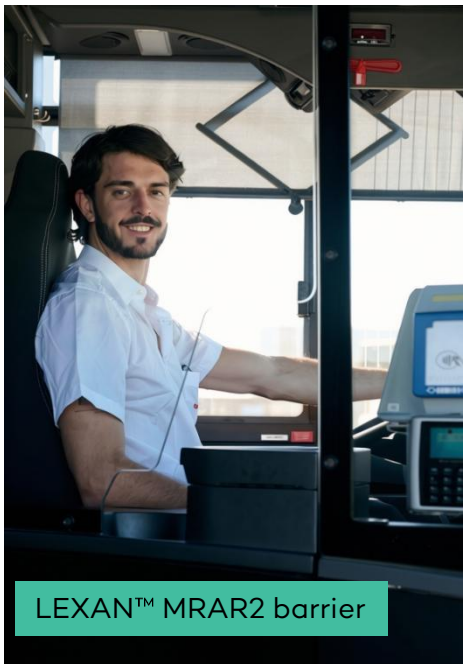
PERFORMANCE OVERVIEW

TEST	LEXAN™ MARGARD™ MRAR2 sheet
Transmission	91%
Reflectance	<2.5%
Taber haze – 100 cycles	<1%
Chemical resistance (multiple reagents)	Pass

Tests performed at gauge 6mm (0.236“) in color 112/transparent

GLASS COMPARISON





Glass Barrier
- Shows distortion
- Heavy operator door
- Impact will necessitate replacement

LEXAN™ MRAR2 sheet
- High visibility
- Distortion-free
- Min. reflectance
- Ease of handling and installation

PRODUCT AVAILABILITY

Grade Name	Gauges	Width	Length	Color
LEXAN™ MRAR2 sheet	6mm – 12.7mm (0.236” – 0.5”)	2439mm (96”)	1219mm (48”)	112 (transparent)

APPLICATION VALUE

LEXAN™ MARGARD™ MRAR2 provides a clear, distortion-free line of sight, enabling faster and more accurate assessments in environments where enhanced operator protection is critical. Its high optical clarity helps maintain visibility while supporting safety and security requirements.

POLYVANTIS

Polycarbonate products are sold globally under the trademark LEXAN™ Film & Sheet, owned by SABIC or its subsidiaries or affiliates.

polyvantis.com

LEXAN™ POLYCARBONATE FILM & SHEET Tough, Virtually Unbreakable

LEXAN is a trademark of SABIC