

# CRYSTALGARD **SAFEMAX**

ULTRA LOW WEIGHT PROTECTION

A REVOLUTION IN BALLISTIC GLASS





# INCREDIBLY LIGHT

WITH UNPRECEDENTED WARRANTY



## +10-YEAR WARRANTY

UNIQUE WARRANTY PROGRAM ON THE MARKET

## +TECHNOLOGY

FASTER AND MUCH MORE ACCURATE INSTALLATION

**10**kg

LIGHTER PER m<sup>2</sup>

## ORIGINALITY

TOTAL CONSERVATION OF THE ORIGINAL PROJECT, WITH NO NEED FOR ANY ADAPTATION

## +ECONOMY

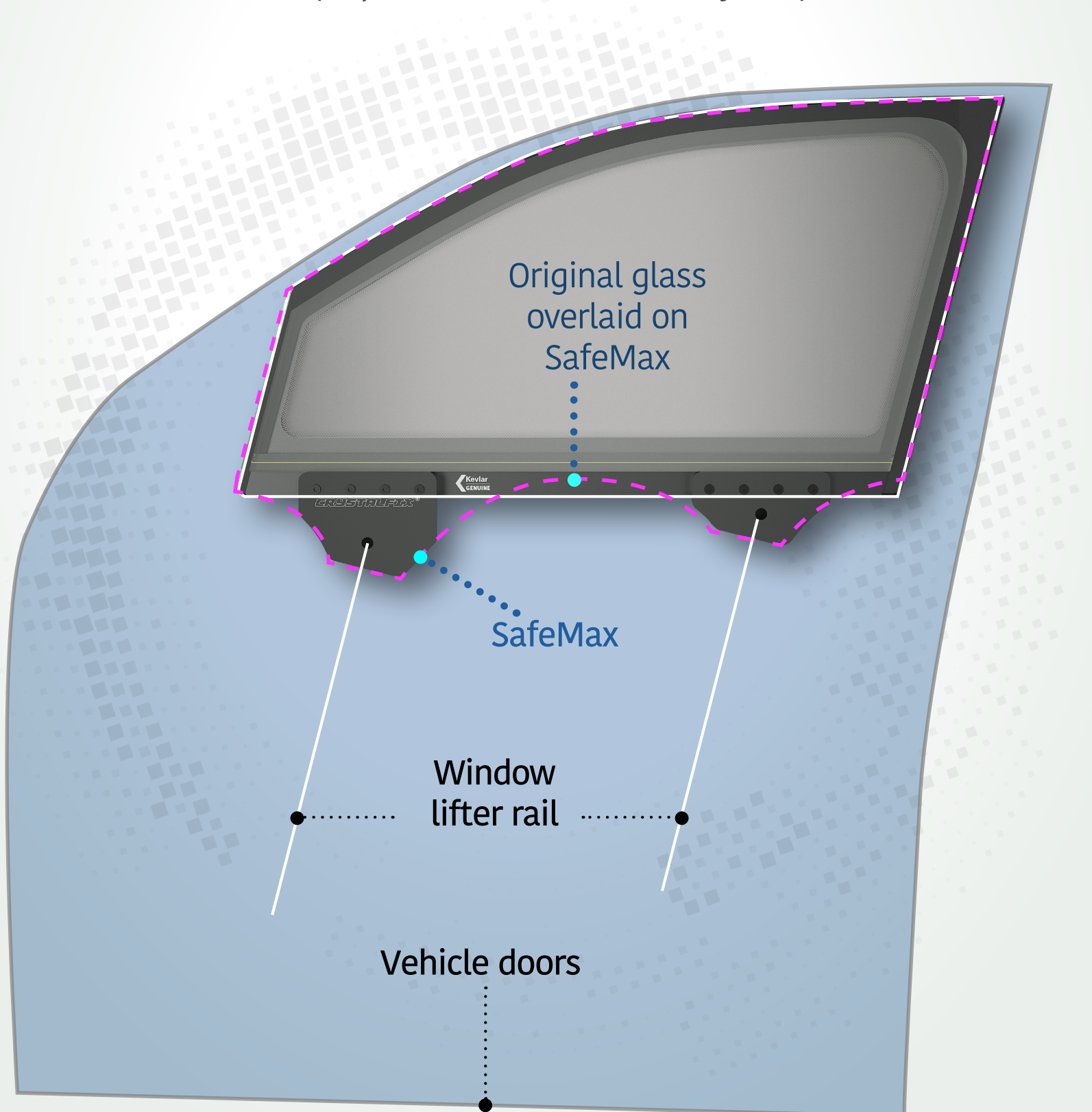
GREATER FUEL EFFICIENCY AND LESS WEAR ON MECHANICAL PARTS

## +CONFORT & DRIVEABILITY

LOWER CENTER OF GRAVITY AND LIGHTER DOORS

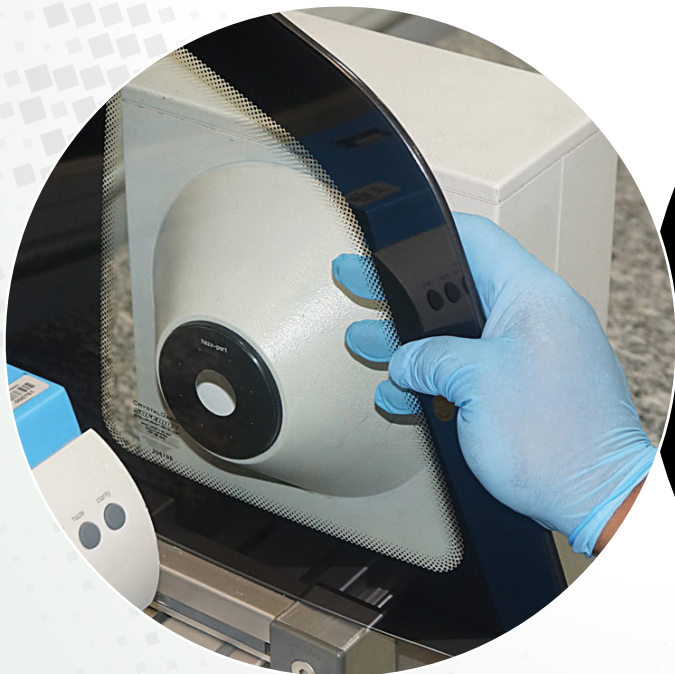
# SAFEMAX, A GROUNDBREAKING ANCHORING SYSTEM

Plug-and-play structure in which the ballistic glass to be attached to the window lifter has the same dimensions and shape as the original glass. As a result, there is a significant reduction in weight, as well as in the effort required from the power window lifter, which maintains the original functionality of the automaker's project, with no need for any adaptation.



# TESTS INDICATE CRYSTALGARD SAFEMAX AS THE LIGHTEST ON THE MARKET

The tests were conducted in partnership with the Falcão Bauer Accredited Lab, a branch of the Falcão Bauer Group and a technology center for quality control that is a benchmark in inspection, research, assessment and certification. To determine the weight per square meter, the total area of the kit, the weight of each piece of glass that composes it and their proportion of the total area were considered and their respective participation in the kit was weighed.



The SafeMax weighed  $30 \text{ kg/m}^2$ , about  $10 \text{ kg}$  lighter than the market average.





# SAFEMAX VS. COMPETITION

## COMPARATIVE 1

### REDUCED ADDED WEIGHT IN ARMORING SAFEMAX GLASS VS. 21 mm GLASS

	SAFEMAX	GLASS 21 mm	DIFERENCE %
Weight (kg/m <sup>2</sup> )	29	47	
Original Glass (kg/m <sup>2</sup> )	11	11	
Added weight (kg/m <sup>2</sup> )	18	36	
Weight reduction in door glass (kg/m <sup>2</sup> )	7,83	15,66	- 50%

## COMPARATIVE 2

### REDUCED ADDED WEIGHT IN ARMORING SAFEMAX GLASS VS. COMPETITION GLASS A

	SAFEMAX	GLASS A	DIFERENCE	%
Weight reduction in door glass (kg/m <sup>2</sup> )	7,83	8,265	0,435	-5,3%

## COMPARATIVE 3

### REDUCED ADDED WEIGHT IN ARMORING SAFEMAX GLASS VS. COMPETITION GLASS B

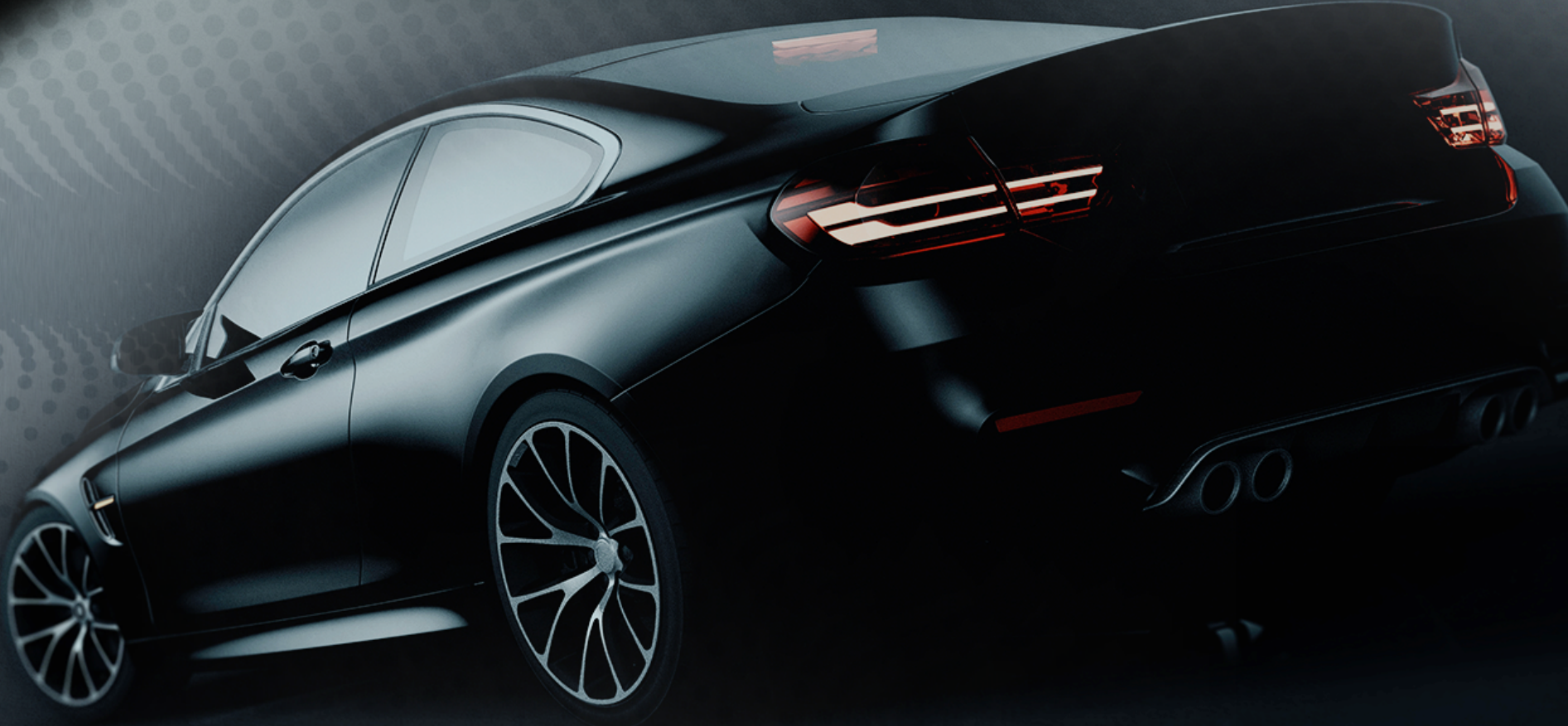
	SAFEMAX	GLASS B	DIFERENCE	%
Weight reduction in door glass (kg/m <sup>2</sup> )	7,83	10,921	3,091	-28,3%



**GREATER BALLISTIC  
SAFETY WITH THE  
BEST VALUE FOR  
MONEY ON  
THE MARKET.**

CRYSTALGARD  
HP NG  
PATENTE REQUERIDA

# CRYSTALGARD HP NG





# PROTECTION & ECONOMY

RIDING SIDE BY SIDE.



## + SAFETY

BETTER DYNAMICS  
WITH A LOWER  
CENTER OF  
MASS

**5 kg**  
LIGHTER  
PER  $m^2$

## + ECONOMY

GREATER FUEL  
EFFICIENCY AND  
LESS WEAR ON  
MECHANICAL  
PARTS

## + CONFORT

SUPERIOR  
OPTICS ENABLING  
BETTER LOOKS

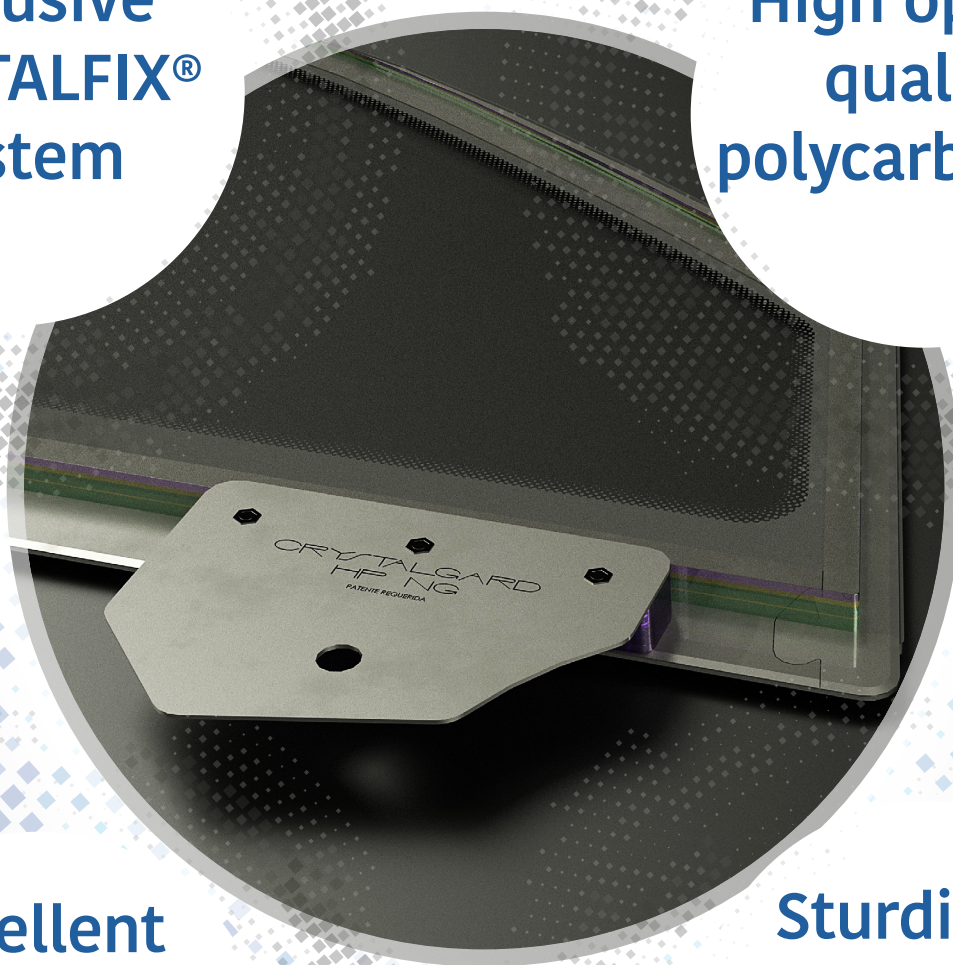


# CRYSTALGARD HP NG

## KEY FEATURES

Exclusive  
**CRYSTALFIX®**  
system

High optical  
quality  
polycarbonate



Excellent  
durability &  
resistance to  
delamination

Sturdier &  
thinner  
external  
glasses



# CRYSTALGARD

PRESENTS

# *CRYSTALFIX*<sup>®</sup>

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*MAGIC!*

A DEVICE THAT IS  
**A CLONE OF  
THE ORIGINAL  
MANUFACTURERS'  
GLASS**

THE ORIGINAL WINDOW  
LIFTER CAN BE USED  
WITHOUT ANY ADAPTATION.

*CRYSTALFIX*<sup>®</sup>

 Kevlar  
GENUINE



# CRYSTALFIX<sup>®</sup>

MAGIC!

## ECONOMY

NO NEED TO USE  
“SEATS”, GLUE OR  
DOUBLE-SIDED TAPES  
OR SHOCK ABSORBERS

## ECONOMY IN THE AFTER SALES

PREVENTS RETURNS  
FOR COMMON FAILURES  
ON THE WINDOW LIFTER

## ECONOMY AND LABOR IN

AND LABOR IN THE  
ARMORING PROCESS:  
NO NEED FOR ADJUSTMENTS  
AND THE CAR IS RELEASED  
IMMEDIATELY AFTER  
INSTALLATION

## PREVENTS GLASS BREAKAGE

DUE TO CLEARANCE RESULTING  
FROM THE INSTALLATION OR  
BREAK IN SHOCK ABSORBERS





# CRYSTALGARD

BALLISTIC GLASSES

CLICK TO CONTACT US:

☎ 11 2489 2500 ext. 2515

📞 11 97692 8042 or 11 96436 7100

✉ comercial@gepco.com.br

🌐 www.crystalgard.com.br



6.5 TONS LESS  
CO2 IN THE  
ENVIRONMENT

Rua Prof. João Cavaleiro Salem, 214  
Guarulhos/SP - Brazil. CEP. 07243-580