

**VARIO PLUS**

**PRIVACY, PROTECTION AND SOLAR CONTROL**

**WITH VARIOPLUS FREELY CONTROL THE LIGHT TRANSMISSION OF YOUR VEHICLE'S WINDOWS AND SUN ROOF**

**Privacy and Exclusivity**

By simply pressing a button freely control the light transmission of your vehicle's windows, allowing you to adjust its tint to the level of your choice!. Additionally reducing the sound transmission to the interior of your vehicle.



**Anti-vandalism**

Due to the inherent properties of the laminated glass and experience in the manufacturing of safety and security glasses, automotive windows with Vario Plus offers additional protection against impacts, vandalism and force assaults.



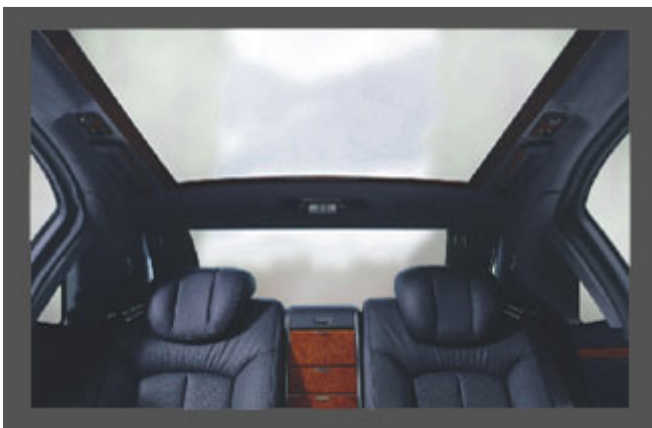
**Solar Control**

The ability to effectively control light transmission allows Vario Plus to significantly reduce the amount of infrared (IR) and to totally filter the ultraviolet (UV) rays getting into the vehicle. Through this unique feature Vario Plus dramatically reduces the amount of heat and radiation inside the car improving the comfort level of the passengers.



Vario Plus is a unique and revolutionary technology which allows you to adjust at will the transparency of a window, switching as required from a completely "dark / opaque" glass to a highly transparent one. This is possible with the simple touch of a button, to decide if total privacy is desired or if transparency is preferred to be able to see and be seen.

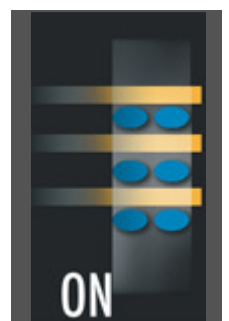
Vario Plus is a laminated safety or bullet resistant glass system with Nano Technology. A layer of tiny particles mostly crystals and polymers are trapped in between two other layers: these particles receive an electric impulse which results in the re-orientation of this emulsion to generate a "see through" surface or a "dark / opaque" one when they are not stimulated.



In this sense, when the window is in an "off" position the particles are at a random alignment, reflecting and scattering the light in all directions, blocking its transmission into the interior of the vehicle.



When an electrical field is applied, all these tiny elements, microns in size, are instantly aligned making the glass transparent, allowing the light to go through the window in any direction. All this happens with the touch of a button and in a fraction of a second, providing total control and an immediate response.



**EXCLUSIVITY AND COMFORT :: ANY APPLICATION ARCHITECTURAL, MARINE, AUTOMOTIVE, TRAINS :: EXCELLENT ACOUSTICAL ISOLATION :: MINIMUM POWER CONSUMPTION (<5W /M2) :: MAINTENANCE NO DIFFERENT THAN NORMAL GLASS.**

VARIO PLUS POLAR allows you to switch between different levels of OPACITY: from a clear window to a completely opaque one, including all the states in between! Much like if you would have a blind at your own dispose in your window. A perfect solution when your desire is total privacy.



VARIOPLUS is offered in two different versions, POLAR and SKY. Each one has different features and advantages, allowing this way to choose the one that better suit your needs.

In the other hand, VARIOPLUS SKY gives you the possibility of adjusting the light transmission while retaining all the time the ability to see through, from clear to dark... and back! It would be like having several tinted windows in one!



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Additionally, with VARIO PLUS you will also have the following advantages:

- Increased Comfort
- Excellent Sound Isolation: The glass windows are the weak link in noise transmission. However, due to the construction of VARIO PLUS, it is able to reduce the noise transmission up 50% when compared with a normal tempered or annealed glass.
- Maintenance just like a normal glass.
- More hygienic than blinds and curtains.
- Glass on both sides, therefore much more resistant to normal use than a window film.
- Can be used with any type of glazing: Annealed, Tempered, Heat Strengthened, and Chemically Tempered, Insulating glass Units, Fire Resistant, Intrusion Resistant and Bullet Resistant Glazing.
- Available in different Shapes (To be discussed with the technical department).
- Reduced Thickness: Through the use of the best of our technology VARIOPLUS can be offered from thickness as low as 5 mm, maintaining the same resistance and durability!

**APPLICATIONS - THE APPLICATIONS OF VARIOPLUS ARE ALMOST ENDELESS:**

**Automotive**

- Sidelites and Backlites.
- Sunroofs.
- Limousine Partitions.
- Ambulance Windows.



**Architectural**

- Office Partitions.
- External Windows.
- Special Applications.
- Control and Secure areas.



**Display**

- Video and advertising.



Marine  
Control room Partitions.  
Luxury Suites.



Rail  
Cabin.  
Sidelites.



Bullet Resistant Glazing



GALLERY VARIOPLUS



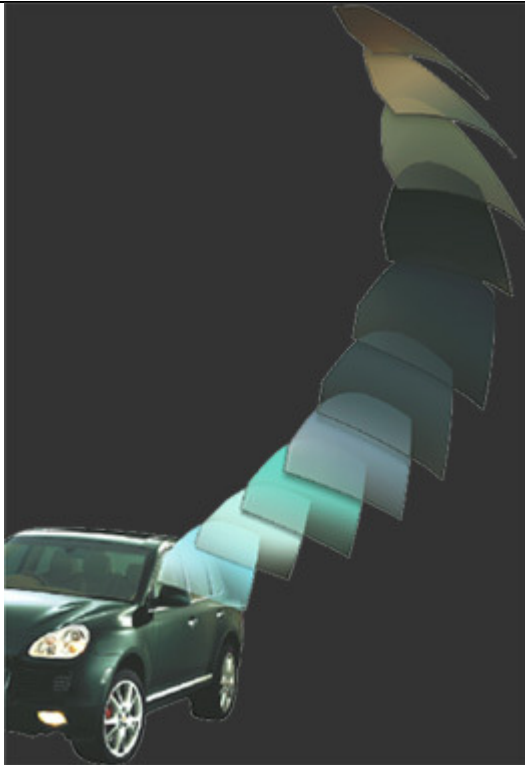
VARIO PLUS Meeting Rooms



International Geneva Motor Show 2007



Internationale Automobile - Ausstellung (Frankfurt International Motor Show) 2007

	<p>Clear Bronze Light, Medium and Dark Parsol Gray Others (Blue, green, etc.)</p>	