



SAFETY PERFORMANCE DISPLAY

ADD ON CRYSTAL ARMOR™ BULLET RESISTANT TRANSPARENTS



It is impossible to determine the safety “left-over” of a damaged bullet resistant window after being damaged by impacts of any source. The residual strength of the glass is dependent upon the angle, material or caliber of impact. Glass that has been shot multiple times could appear to be completely destroyed, however it can be stronger than a glass shot twice at the worst angle of 180°.

With the new patented “SAFETY PERFORMANCE DISPLAY” (SPD), a visual indication on a LED display, fixed on the inside of the glass, allows the persons in threat to determine the remaining degree of structural integrity of the window for fast and accurate decision making that might save lethal situations.

Information from sensor controlled interlayers inside the armored glass detects the depth of penetration and sends a signal to the display to show the remaining strength. This is displayed through clear color indicators: green (safe), yellow (compromised) to red (damaged).



In the event of an attack, with a SPD device a driver of an armored vehicle for example, can identify best to position a vehicle after being informed by the display should a certain window have been damaged.

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