



Security

Glass solutions for the most extreme security risks

Viridian **Bomb & BlastGuard™**

Changes in the geopolitical climate have created a dramatic increase in demand for bomb and blast resistant glass. Very real and seemingly random threats to personal security have caused governments, public and private organisations as well as individuals to reassess security.

Viridian™ is considered to be at the forefront of new product innovations in the manufacture and supply of bomb and blast resistant glass. Bomb & BlastGuard glass is a highly specialised range of products manufactured to counter the threat of bomb attacks. The product is available in a range of thicknesses and includes the unique Viridian **MineGuard™** designed specifically for military vehicle use.

Bomb & BlastGuard glasses are designed to withstand the two specific assaults experienced from bomb blasts, blast wave and bomb case fragments.

What makes Bomb & BlastGuard glass unique?

Bomb & BlastGuard compositions are far lighter than traditional bomb and blast resistant glass solutions.

Bomb & BlastGuard are multiple compositions consisting of glass, highly specialised polycarbonates, polyurethane and specifically developed security interlayers. The components used in the manufacture of Bomb & BlastGuard retain a high level of light transmission and ensure visual image is maintained and free from distortion.

Bomb & BlastGuard are typically used in high-risk areas such as embassies and government buildings, high profile public buildings, armoured and specialised defence vehicles.

Viridian **MineGuard™**

MineGuard is a highly specialised bomb and blast resistant product designed specifically to protect military vehicles from the threat of anti personnel mines.

This highly specialised security glass has been specifically tested against a simulated PMN AP mine with a weight charge 240g TNT hemispherical surfaces burst 90° and one metre from the blast centre.

Bomb & BlastGuard™ MineGuard™



How to specify

◆ Select glass name

Bomb & BlastGuard or
Viridian MineGuard

The level of threat must be determined prior to developing a specification. For assistance please contact Viridian.

Please consult with Viridian Technical Services to discuss specific requirements for Bomb & BlastGuard or MineGuard applications.