



## Rock Strike

While transparent armor (TA) on military vehicles is typically fortified against major damage-inducing projectiles such as bullets and fragments, the glass is not resistant to direct hits by high-velocity flying objects. Although these objects do not produce major damage, they often cause the inner glass layers to shatter, resulting in costly repairs. Oran Safety Glass (OSG) - a leading worldwide developer and manufacturer of laminated, tempered and armored glass - has introduced Rock Strike Glass (RSG). Fully tested and proven, RSG is a proprietary ballistic-resistant glass that provides protection against rock attacks and other projectiles. RSG represents an enhanced alternative to traditional metal grids that are often installed on TA and non-armored windows to protect against damage from rock strikes.



> Figure 1.  
OSG's solution prevents damage to all layers of the laminate.

**Increased levels of protection and durability** - RSG offers high ballistic resistance combined with outstanding transparency and visibility. The glass protects against projectiles of diverse sizes and masses, and can withstand impact at velocities of up to 150 meters per second (335 miles per hour).

**Reduced replacement costs** - With protection from rock-strike damage that often shatters all layers of the laminate, RSG offers a cost-effective solution that extends the lifecycle of TA, especially when deployed in urban areas.

**Fully tested and field proven against ballistic threats** - RSG has undergone thorough testing at an independent, third-party laboratory and meets US Government performance specifications for rock-strike resistance on tactical wheeled vehicles.

## Key Features

- Ballistic-resistant glass that protects TA against rock attacks
- Resists projectile impact of diverse sizes and masses
- Withstands velocities of up to 150 meters per second (335 miles per hour)

## Key Benefits

- Effective alternative to traditional metal grids installed on TA and non-armored windows
- Extends the lifecycle of TA
- Fully tested and field proven



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