Armor Shield R™
Combat Proven Reactive Add-On Armor

**Benefits**
- Defeats shaped-charge anti-tank threats
- STANAG level 6 protection
- Insensitive Low Burning Rate (LBR) energetic materials
- Hazard classification - 1.5D
- Designated as very insensitive detonating substance
- Causes minimal collateral damage
- Modular system - Easy to install or remove
- Maintenance free
- Widely used by military forces around the world
- Meets environmental and safety NATO standards

**Combined Reactive and Passive Elements**
The Armor Shield R system has been adapted for light armored wheeled and tracked vehicles. The design of the add-on armor is based on Rafael’s modules for the US Bradley, using the same concept and technology to defeat incoming threats.

Armor Shield R combines reactive and passive elements to defend against a wide range of threats such as anti-tank rockets at 360°, small arms 30 mm, 25 mm, 14.5 mm AP projectiles, high speed fragments of artillery, mortar, and high explosive IED and EFP roadside mines. The systems have been tested and approved for use by the Israel Defense Forces, the U.S. Army, and other customers worldwide.

**Robust Protection in Accordance with Safety Standards**
The advanced energetic material featuring Low Burning Rate (LBR) was developed especially for reactive armor systems and was classified by the US DOT as a very insensitive detonating substance in accordance with UN safety standards. This explosive does not detonate or burn when hit by bullets, projectiles, or fragments. During a reactive encounter, this explosive causes minimal environmental and collateral damage.

Installation and removal of the add-on armor modules can be performed by the crew without hoisting equipment or special tools.
Armor Shield R

Technical Specifications

| Ballistic protection | • Cemical energy Anti-Tank threats  
|                      | • Kinetic energy projectile threats: 7.62mm AP, 12.7 mm AP, 14.5 mm AP 25 mm APFSDS, 30 mm APFSDS  
|                      | • High speed fragments of 155 mm artillery, mortar, roadside bombs, IEDs and EFPs |

| Environment and safety standards | • Meets environmental and safety conditions IAW MIL-PRF-70773 |

Threats Defeated

• Rocket-propelled grenades (RPGs)  
• Improvised explosive devices (IEDs)  
• Explosively formed projectiles (EFPs)  
• High speed fragments  
• Armor piercing (AP) projectiles from heavy machine guns