



AIR SEA LAND GROUP

# PROTECTED MODULAR VEHICLE COMPONENTS (PMVC)

Using our knowledge in high-strength materials, ASL GRP has developed a range of Attack Resistant Composites (ARC), Protected Modular Vehicle Components (PMVC) to protect different vehicle platforms in hostile situations. Our ability to create moulded armour solutions, allows us to manufacture a range of protection solutions for any vehicle.

**ASL supply PMVCs to:** Specialist Vehicle Builders | Special Forces | Police / Military

## Typical Vehicle Platforms:



Police Vehicles



Cash in Transit (CIT)



VIP Transportation



4x4 / Light Trucks



TOYOTA



Ford



Mercedes-Benz



Component / Threat	Bonnet	Wings	Doors	Under Floor	Roof	Equivalent
<b>Anti-Riot Protection</b> (Molotovs, Hammers & Pick Axe)	✓	✓	✓	✓	✓	
<b>Also FB2</b> (9mm Lugar)	✓	✓	✓	✓	✓	NIJ Level IIA
<b>Also FB4</b> (.44 Magnum)	✓	✓	✓	✓	✓	NIJ Level IIIA
<b>Also FB6</b> (7.62 x 51 NATO Ball)	✓	✓	✓	✓	✓	NIJ Level III
<b>Blast Protection</b> DM51 Grenade	✓	✓	✓	✓	✓	

# CASE STUDIES

## Mercedes Sprinter - FB6 Bonnet, Wings & Roof

**Customer Requirement:** To produce FB6 (7.62 x 51) bonnet and wings set for Mercedes Sprinter 2016, used by Special Forces on covert operations.

ASL manufacture moulds from Mercedes original parts to create direct replacements. Armour insert places within the bonnet and wings to provide FB6 Ballistic protection.



## Land Rover Defender – FB6 Anti-Riot Protection Bonnet, Wings, Doors, Roof, Sides & Floor

**Customer Requirement:** To produce anti-riot, bonnet and wings set for Land Rover Defender, used by UK Police.

ASL manufactured moulds from Land Rover original parts to create direct replacements. Panels manufactured from a woven yarn, highly consolidated with a fire-retardant resin system to provide protection from petrol bomb attack. Bonnet and wings set designed to protect from flying projectiles in a riot or hostile situation. Over 180x sets manufactured.



## Toyota Land Cruiser 200 Series - FB6 Bonnet, Wings & Doors

**Customer Requirement:** To produce FB6 (7.62 x 51 NATO Ball) bonnet set for Toyota Land Cruiser, 200 Series 2015, used by Special Forces in the Middle East.

ASL manufacture moulds from Toyota original parts to create direct replacements. Armour insert places within the bonnet provide FB6 Ballistic protection.

