

## Description

The F2-TLC600 vehicle provides certified ballistic and blast protection, ride and handling and braking with production level interior fit and finish.

The protective cell is installed using a unique modular bolt in construction system which aids in repair and serviceability.

All of the armoured steel parts are corrosion protected by cathaporetic paint. The vehicle is certified by the ballistics test station at Mellrichstadt.

Ride / handling and braking have been tested at maximum GVW by TÜV Hannover.

## Loadable quantity:

20ft container: 1 unit

40ft container: 2 units

## First level of packaging

Length: 4.97m

Width: 1.97m

Height: 1.98m

Volume: 19.38 m<sup>3</sup>

Gross Weight: 4800 kg

Net Weight: 4800 kg





**Mine protection:** An additional demountable and certified under floor protection system against AP mine threats (DM31) is available.

**Fuel tank armoured:** The standard fuel tank blast protection can be substituted or upgraded with aluminium mesh-balls for more safety.

**Batteries armoured:** The vehicle batteries are completely protected against ballistic threats. Alternatively, the OEM batteries can be upgraded to gel batteries.

**Protected cooling system:** A discrete protection bull bar, specially designed to maintain efficient engine cooling, can be fitted to protect the engine radiator and engine drive belts against ballistic attack.

**Cargo area:** The standard method of protection to the cargo area side windows is equipped with ballistic steel and blacked out OEM glass. This can be up graded to a full ballistic glass option.

## Specifications

<b>Model</b>	Toyota Land Cruiser 200
<b>Motor</b>	4,0L V6, 1GR-FE
<b>Version</b>	 non european
<b>Petrol</b>	Petrol
<b>Cylinders</b>	6
<b>Cubic capacity in ccm</b>	3956
<b>Torque automatic</b>	376 Nm / 3800 rpm
<b>Torque manual</b>	376 Nm / 3800 rpm
<b>Transmission automatic</b>	5 Gears
<b>Transmission manual</b>	5 Gears
<b>Power automatic</b>	240 PS / 5200 rpm
<b>Power manual</b>	240 PS / 5200 rpm
<b>Actuation</b>	All-wheel drive
<b>Load wheels</b>	je 1,600 kg
<b>Doors</b>	5
<b>Seats</b>	5 - 9
<b>Gross vehicle weight</b>	5,300 kg
<b>Tank</b>	93 L + 45 L





**Materials:** Farmingtons only uses certified and traceable opaque and transparent materials.

**Construction:** The vehicle is developed and manufactured in line with internationally recognised OEM standards and certified by the ballistic test station at Mellrichstadt to ballistic level VR6. The vehicle is manufactured with strict process controls that ensure build repeatability.

**Apertures and doors:** All door apertures are overlapped to prevent splinter ingress to the passenger cell. The door hinge and mounting systems are updated to compensate for the additional weight of the doors.

**Vehicle roof:** The roof provides protection against the following blast threats 2 x two DM51 hand grenades and 1 x HG85 hand grenade. The roof also provides ballistic protection in line with the rest of the passenger cell

**Under body and fuel tank:** The underbody and fuel tank is protected against a range of fragmentation blast threats including 2 x DM51 and RGD5 hand grenades. The underfloor solution for one HG85 hand grenade is optional available.

**Engine compartment:** The engine compartment fire-wall bulkhead is protected against ballistic threats and the lower engine compartment provides protection against AP blast threats. Additional lateral ballistic protection is provided to the engine bay sides.

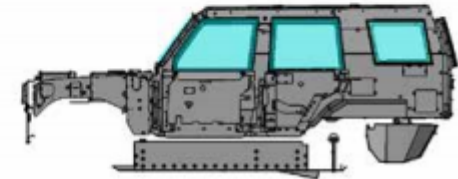
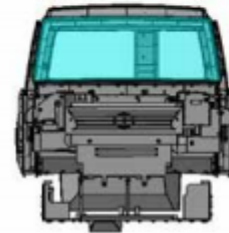
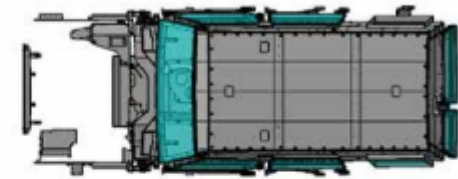
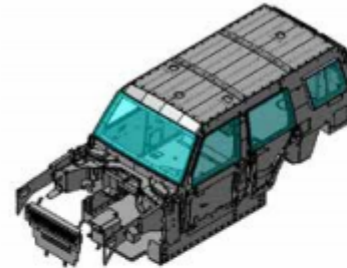
## Specifications – ballistics

Ballistic level VR6 / BRV1999  
Angle of fire: 90° and 45°



Calibre	.308 Win. (7.62 × 51)	.223 Rem. (5.56 × 45)
Type	FMJ <sup>1</sup> / PB <sup>2</sup> / SC <sup>3</sup>	FMJ <sup>1</sup> / PB <sup>2</sup> / SCP <sup>3</sup>
Mass (g)	9.55 ± 0.1	4.0 ± 0.1
Manufacturer / Model	MEN DM 111	MEN SS 109
Distance (m)	10 + 0.5	10 + 0.5
Velocity (m/s)	830 ± 10	950 ± 10
Energy (J)	3.289	1.805

<sup>1</sup> FMJ = full metal jacket / <sup>2</sup> FMJ = full metal jacket (copper) / <sup>3</sup> PB = pointed bullet / SC<sup>3</sup> = lead-soft core / SCP<sup>3</sup> = lead-soft core steel penetrator



- Fully bolt in protective passenger cell construction
- Corrosion-resistant armoured parts through cathoretic painting process
- Independently tested and certified by the ballistic test station at Mellrichstadt
- Independently tested and certified as providing protection against a range of blast threats from hand grenades, AP mines and IED side blast
- Independently tested and approved for ride / handling and braking at 5.3 Tonne GVW by TÜV Hannover
- The exterior appearance is unchanged from the production model
- A range of petrol and diesel engine variants are available
- Pre-wired for VHF and GSM antenna
- Fitted with run flat bands
- Wide range of options and protection upgrade packages available