

Achleitner
Toyota Land Cruiser 200
Protection Level VPAM BRV-2009 VR9



TECHNICAL SPECIFICATION

Prj. xxxxxx

VIN: xxx

1 BASIC VEHICLE

1.1 TECHNICAL DATA

Toyota Land Cruiser 200 V8 4.6 VVT-I 4WD Benzine

Exhaust emissions according to (EC):	EUR6
Cubic capacity:	4.608 cm ³
Max. power (kw/HP):	234 (318) at 5.600 rpm
Max. torque (Nm):	460 at 3.400 rpm
Gearbox type:	Electronically regulated automatic gearbox
Gears:	6
Drive type:	Permanent all-wheel drive with off-road gear reduction, centre differential with Torsen lock, manually lockable
Colour outside:	White
Colour inside:	Standard - Beige

2 DIMENSIONS

Length [mm]	ca. 4.950
Width [mm]	ca. 1.980
Height [mm]	ca. 2.000
Ride height [mm]	250

3 WEIGHTS

Unladen weight [kg]	ca. 4.700*
Total weight permitted by TÜV [kg]	5.700
Payload [kg]	ca. 1.000

*Unladen weight is dependent to additional equipment

4 PROTECTION LEVEL

Ballistic protection in accordance with VPAM-BRV-2009 VR9

Calibre: 7,62 x 51

Type: FMJ/PB/HC

Test:

Shooting distance: 10 (+ 0,5) m

Projectile velocity: 820 (+/- 10) m/s"

Front	Armour steel 90°
Pillars	Armour steel 90°
Doors	Armour steel 90°
Overlaps	Armour steel 90°
Rear door	Armour steel 90°
Windows	Bulletproof glass/Polycarbonate 90°

Blast protection in accordance with VPAM ERV-2010

Floor	Protection against hang grenades 2xDM51
Roof	Protection against hang grenades 2xDM51
Side area	Blast of 15 kg Geosit 3 (distance: 2m)

Certification of a complete vehicle

The Land Cruiser 200 Shield was tested and certified from the "Beschussamt Ulm" according to the bullet guideline VPAM-BRV-2009. The IED according VPAM ERV 2010 was tested and certified threw the IABG and "Beschussamt Ulm".

5 STANDARD VEHICLE PROTECTION AND EQUIPMENT

Door wedge and door retaining straps	
Reinforced door hinge (Capacity 2.300 kg) and pillars	
Aluminium-Heavy-duty (8.5x18) and wheels (285/65 R18) - (1.600 kg per wheel)	
Special - chassis	
High performance brake system	
Armoured battery	
Armoured engine control unit	
Master switch	
Antenna cabling prepared	

6 ADDITIONAL OPTIONS (SUBJEKT TO A FEE)

01	Run-flat system A (50km at 50km/h) (5 pc.)	
02	Intercom - System	
04	External charging socket	
05	Main fuel tank with discharge and explosion control	
06	Warning triangle, first aid kit, fire extinguisher, car jack	
07	Manual, inspection script in German and English	

7 PHOTOS

