











SPECIFICATION CHEVROLET SUBURBAN 2500

BASE VEHICLE SPECIFICATIONS

Engine	: Vortec 6.0L V8
Transmission	: 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode
Brakes	: 4-wheel disk brakes
Tyres	: LT245/75R-16 on/off-road
Suspension	: heavy-duty suspension package, front – independent design with torsion bars, rear – multistage leaf springs
Seats	: 8 seats, foldable transverse seats (grey leather)
Wheelbase	: 330cm
Ground clearance	: 23cm
Dimensions	: length - 564cm, width – 201cm, height – 193cm
Colour	: white, silver

ARMORING CONVERSION MODIFICATIONS/ALTERATIONS



Armoring of passenger compartment provides protection against **7.62x51mm M80 NATO Ball** ammunition in accordance with **NIJ Level III** requirements.



Floor armoring - mild steel provides protection against fragmentation from simultaneous detonation of **two DM-51 German ordnance hand grenades** or **equivalent**.



Complete ballistic protection of the front fenders, kick panels, rear wheel wells, firewall, all door pillars and posts, and roof.





Steel plates are **stitch-welded** using high-intensity MIG welding to ensure the structural integrity of the material is uncompromised by thermal and chemical processes.



Interior armoring ensures vehicle structural integrity. All ballistic steel plates are welded together to create a fully enclosed protection of the passenger compartment.



Ballistic-grade steel **overlaps** provide extra protection for the principal impact areas of the vehicle around windows and door posts. A projectile following a linear or angled path trajectory will not penetrate without contacting armor material.



All interior panels are resized and refitted to retain original OEM look. All electrical equipment is tested and altered to accommodate for changes done during the armoring process.

GLASS



A combination of glass, polycarbonate, and mylar provide superior protection against **7.62x51mm M80 NATO Ball** ammunition to follow **NIJ Level III** requirements. Thickness - **39mm** ensures multi-impact defense with anti-spall protection; finest optical quality, minimal distortion, and no delamination or discoloration from UV rays.

STANDARD FEATURES AND ACCESSORIES



Heavy-duty door hinges; run-flat devices on 5 tires; **battery** and **ECM protection**; **nylon door straps**; **wire mesh** protection in tailpipe; cargo **swing door (bulkhead)** with **view glass** and **gun-port(s)**; concealed **gun-port(s)** in both rear quarter panels; steel-encased fuel tank; operable driver window – 4” opening; **reinforced suspension system**; **OEM manuals** and **written information**

BALLISTIC PROTECTION LEVEL DETAILS

The following charts represent the ballistic protection of the vehicle's passenger compartment (opaque armor) - NIJ-STD-0108.01 Level III:

Weapon	Caliber	Ammunition	Velocity
Rifle	7.62 x 51mm	M80 NATO Ball	2,750 ft/s
AK-47	7.62 x 39mm	M-1943	2,400 ft/s
Sub-machine-gun	9 x 19mm	LCJJ	1,400 ft/s
Tokorev	7.62 x 25mm	LCSJ	1,600 ft/s
Hand Gun	44 Magnum	LWC	1,443 ft/s

Transparent armor - NIJ-STD-0108.01 Level III:

Weapon	Caliber	Ammunition	Velocity
Rifle	7.62 x 51mm	M80 NATO Ball	2,750 ft/s
AK-47	7.62 x 39mm	M-1943	2,400 ft/s
Sub-machine-gun	9 x 19mm	LCJJ	1,400 ft/s
Tokorev	7.62 x 25mm	LCSJ	1,600 ft/s
Hand Gun	44 Magnum	LWC	1,443 ft/s

Floor of passenger compartment is protected to shield against fragmentation from **two DM-51 German ordnance hand grenades** or equivalent.