

"no one
protects you
better."



ARMORED TO LEVEL NIJ III
Against 7.62x51mm; 7.62x39mm and lesser threats

Armored Chevrolet Suburban 3500 HD

ALPINE ARMORING INC.
alpineco.com



Table of Content.....	Page 2
Vehicle Specifications.....	Page 3
Opaque Armor Details.....	Page 4
Transparent Armor Details.....	Page 5
Additional Features.....	Page 6
Completed Vehicle Photos: Exterior.....	Page 7
Completed Vehicle Photos: Interior.....	Page 8
Ballistic Reference Chart.....	Page 9
Vehicle Warranty.....	Page 10



VEHICLE SPECIFICATIONS

GENERAL SPECIFICATIONS

MAKE:	Chevrolet
MODEL:	Suburban 3500 (11,000 lb - GVWR)
YEAR:	NEW
ENGINE:	6.0L Vortec Gasoline
POWER:	360 hp @ 5,600 rpm
TRANSMISSION:	6-Speed HD Hydramatic
COLOR:	White
INTERIOR:	Client's Choice
SEATING:	2 + 2 + 3
FINAL WEIGHT:	\$9,800 lb. (Final weight may vary)



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3
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HEIGHT:
74.4 in.
(188 cm)

WIDTH:
80.5 in.
(204 cm)

LENGTH:
224 in.
(568 cm)

WHEELBASE:
130 in.
(330 cm)





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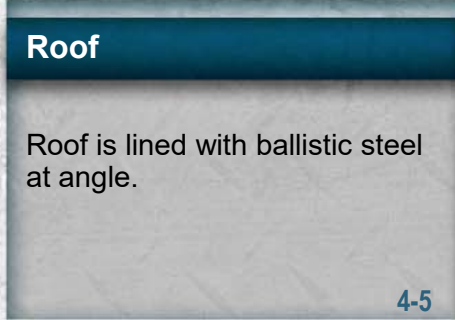


Firewall

Ballistic steel firewall provides protection up front.

4-1

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Roof

Roof is lined with ballistic steel at angle.

4-5

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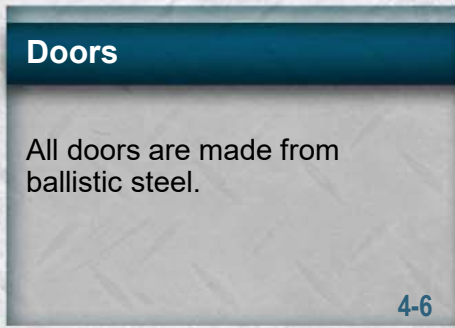


Floor

Floor is lined with ballistic steel to protect against mines and grenade blasts.

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Doors

All doors are made from ballistic steel.

4-6

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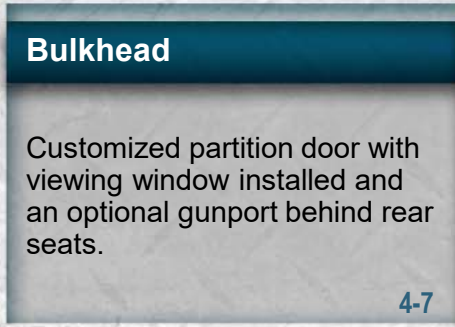


Battery Protection

Entire battery is enclosed in a fully ballistic steel casing.

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Bulkhead

Customized partition door with viewing window installed and an optional gunport behind rear seats.

4-7

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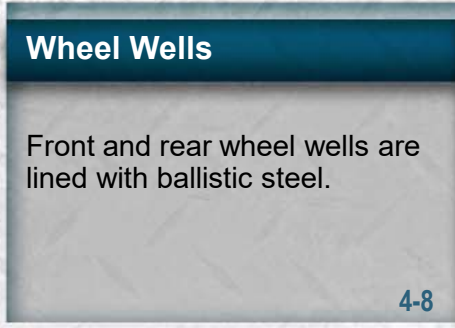


Overlaps

All doors and windows feature ballistic steel overlaps to keep shrapnel from angle shots from entering the cabin.

4-4

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Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

4-8

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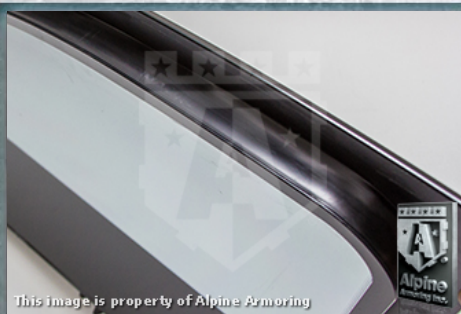




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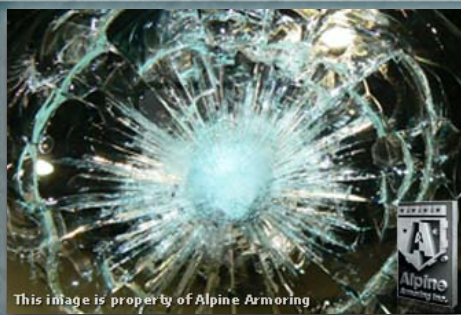


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Glass Thickness

Minimum 40 mm thick glass/polycarbonate composite transparent armor.

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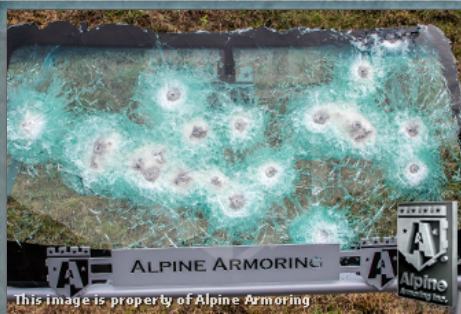


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Anti-Spall Layer

Inner-most anti-spall layer prevents glass and bullet fragments from penetrating into passenger cabin area.

5-2



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Multi-Hit Protection

All windows are capable of sustaining multiple hits while providing protection to passengers.

5-3



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Anchored Windows

All windows are anchored for additional protection from explosions.

5-4

Multi-layer Construction 40 MM





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P.A./Multi-Siren System

Located on the center console. The multi-siren features standard siren tones, volume adjustment, and a public address system.

6-1



Battery Protection

The battery is encased in a ballistic steel box to protect it.

6-5



Power Windows

The front two windows are powered and lower approximately 5-6 inches.

6-2



Fuse Box Protection

The fuse box is protected by a ballistic steel box.

6-6



Strobe Lights

Two red/blue strobe lights are mounted in the front grill. Controlled using the P.A./siren control unit in the center console.

6-3



Fuel Tank Protection

Fuel tank is protected by a ballistic steel box. Protects from two simultaneous grenades.

6-7



Rear Door Partition

Separate ballistic steel rear door partition is built in to the rear of the cabin

6-4



Tailpipe Protection

The tailpipe features a special mesh that prevents the tailpipe from being sabotaged.

6-8



COMPLETED VEHICLE PHOTOS: EXTERIOR



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7-1



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COMPLETED VEHICLE PHOTOS: INTERIOR



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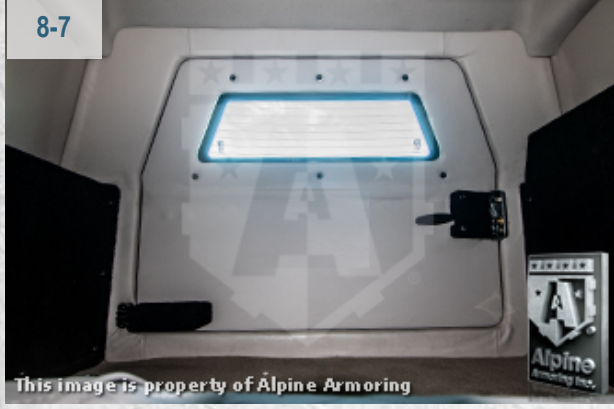
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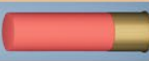















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ALPINE ARMORING'S BALLISTIC CHART

WEAPONS	SPECS			LEVELS					BULLETS			NUMBER OF SHOTS	
	TYPE	CALIBER (mm)	CLASS	STANAG	UL	ALPINE	NIJ	CEN	MASS (g)	MATERIAL	VELOCITY		
	.38 Special	9 x 19	Handgun	—	1	A1	I,II,IIA	—	8.00	LCCJ	358 M/S	5	
	.357 Magnum	9 x 33	Handgun	—	2	A2	I,IIA	B1 & B3	10.20	JSP	430 M/S	5	
	.44 Magnum	11 x 33	Handgun	—	3	A3	IIIA	B4	15.60	LWC	440 M/S	5	
	MP5	9 x 19	SMG	—	6	A4	IIIA	B2	8.00	LCCJ	427 M/S	5	
	Shotgun	12 Gauge	Shotgun	—	3 & 4	A5	IIIA	SG2	28.30	SLUG	503 M/S	3	
	Tokarev	7.62 x 25	Handgun	—	—	A5	IIIA	—	5.50	LCSJ	488 M/S	5	
	Kalashnikov (AK-47)	7.62 x 39	Assault Rifle	—	—	A6	III	B5	9.70	SCCJ	732 M/S	5	
	Kalashnikov (AK-47 Military)	7.62 x 39 API BZ	Assault Rifle	II	—	A7	—	B5+	11.70	SCCJ	774 M/S	5	
	M16/AR-15	5.56 x 45 NATO SS109 5.56 x 45 NATO Ball	Assault Rifle	I	7	A8	IV	B5	4.00	SCCJ LCCJ	900 M/S 833 M/S	3	
	Winchester .308	7.62 x 51	Rifle	I	7	A9	III	B6	10.90	LCCJ	810 M/S	5	
	Remington 700 SPS	7.62 x 63 AP (.30-06) 7.62 x 51AP (WC core)	High-Power Rifle	III	5 & 8	A10	IV	B7-	10.80 8.40	AP	869 M/S 930 M/S	5	
	Dragunov	7.62 x 54R B32 API	Sniper Rifle	III	—	A11	IV+	B7+	10.04	SCCJ	854 M/S	1	
	50 Cal	12.7 x 99	High-Power Rifle	IV	10	A12	—	—	45.00	CJ	908 M/S	1	

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UL Underwriters Laboratory, 752
NIJ National Institute of Justice, 0108.01
CEN European Standard
STANAG ... NATO's Standard (STANAG 4569)
ALPINE Alpine Armoring's Certified Standard

LCCJ Lead Core Copper Jacket
JSP Jacketed Soft Point
LWC Lead Wad Cutter
LCSJ Lead Core Steel Jacket
SCCJ Steel Core Copper Jacket
AP Armor Piercing
SG Shotgun

Shots (5) 11.4 cm Square Pattern (Corners & Center)
Shots (3) 11.4 cm Triangular Pattern
Velocity Minimum Measured Velocity
NIJ Rating .. Levels I, II, IIA, & IIIA (based on 1 of 2 required calibers of ballistic threat)



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WARRANTY

CHEVROLET SUBURBAN 3500 HD

This vehicle, as proposed to the client, would be under Alpine Armoring's premium warranty covering all its armored parts and labor as well as all added accessories for 1 full year, effective the day of sale. Additional warranty for longer period is available upon request.

Alpine Armoring Inc. hereby honors this warranty, in the United States and worldwide, against any and all related manufacturer's defects, including parts and labor.

MANAGEMENT AUTHORIZED
ALPINE ARMORING INC.
HERNDON, VIRGINIA, USA

DATE ISSUED

