Alpine Armoring

"no one protects you better."

# Armored GMC Savana 3500 Van

## 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

Ballistic Reference Chart..... Page 8

Vehicle Warranty..... Page 9



★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

## GENERAL SPECIFICATIONS

| | |
|---|---|
| **MAKE:** | GMC |
| **MODEL:** | Express 3500 |
| **YEAR:** | NEW |
| **ENGINE:** | 6.6L V8 Duramax Turbo Diesel 260 |
| **POWER:** | hp @3100rpm 525 ft-lbs Torque |
| **TRANSMISSION:** | 8-speed Automatic Heavy Duty |
| **COLOR:** | Client's Choice |
| **INTERIOR:** | Per Client's required specs |
| **SEATING:** | Per Client's required specs |
| **APPROX. WEIGHT:** | 11,900 (5,390kg) |

## OTHER SPECIFICATIONS

**HEIGHT:**
**84.5 in.**
(214 cm)

**WIDTH:**
**79 in.**
(200 cm)

**LENGTH:**
**244 in.**
(620cm)

**WHEELBASE:**
**155 in.**
(394 cm)

"no one protects you better."

★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

## Firewall

Ballistic steel firewall provides protection up front.

4-1

## Floor

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

4-2

## Battery Protection

Entire battery is enclosed in a fully ballistic steel casing.

4-3

## Overlaps

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

4-4

## Roof

Roof is lined with ballistic steel at angle.

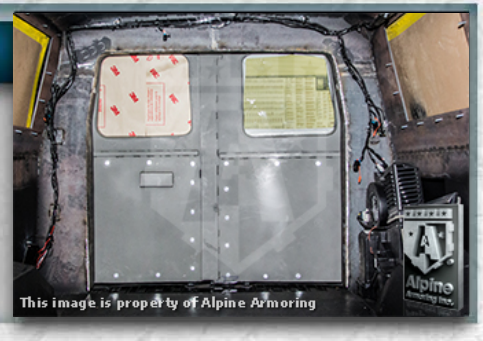
4-5

## Doors

All doors are made from ballistic steel.

4-6

## Bulkhead




Customized partition wall with viewing window installed behind rear seats.

4-7

## Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

4-8



"no one protects you better."

★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

## Glass Thickness

Minimum 39 mm thick glass/polycarbonate composite transparent armor.

5-1

## Anti-Spall Layer

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

5-2

## Multi-Hit Protection

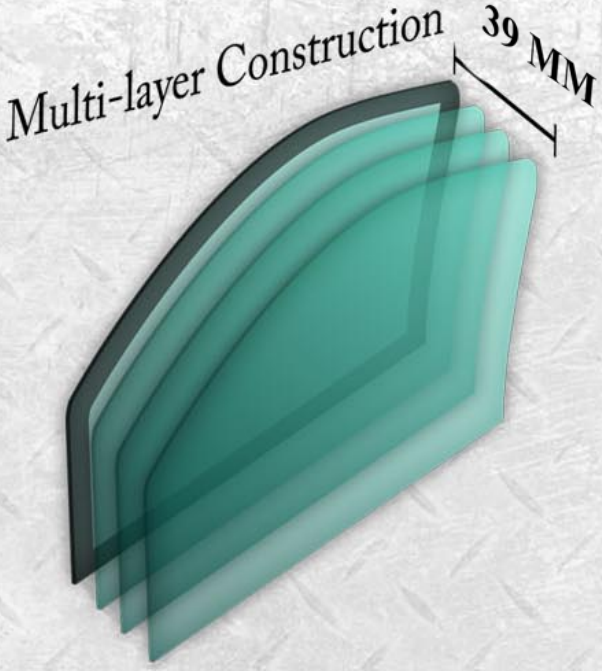
All windows are capable of sustaining multiple hits while providing protection to passengers.

5-3

## Anchored Windows

All windows are anchored for additional protection from explosions.

5-4






"no one protects you better."

★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

## Switches

All controls (switches) accessible to and managed by the drivers only

6-1

## Internal Lighting

Internal lighting recessed and Protected from prisoner interference

6-2

## LED Lights

Green LED lights and siren installed

6-3

## Alarm System

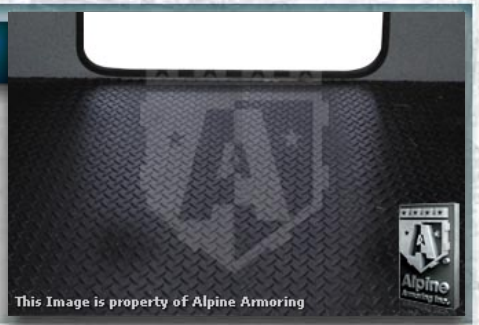
Alarm system installed.

66-4

## Floor Panels

Interior floor panels covered with rubber matting with anti-slip finish for hygiene reasons and safety

6-5




## Seats

Seats constructed to provide for hygiene and vandal resistive benefits

6-6

## Seat Belts

High strength seatbelts installed. (48” and 60” long). 60” accommodates larger size prisoners

6-7

## Steel Screens

Have welded steel screens or inserts covering the windows in the rear compartment

6-8

"no one protects you better."

★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

7-1

8-2

7-3

7-4

8-5

7-6

-7

7-8

7-9

★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

# Alpine Armoring's Ballistic Chart

| Weapons | Specs: Type | Specs: Caliber (mm) | Specs: Class | Levels: STANAG | Levels: UL | Levels: Alpine | Levels: NIJ | Levels: CEN | Bullets: Mass (g) | Bullets: Material | Bullets: Velocity | "no one protects you better" Number of Shots |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | .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 | A SG | 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 | 3 |
| | M16/AR-15 | 5.56 x 45 NATO SS109<br>5.56 x 45 NATO Ball | Assault Rifle | I | 7 | A8 | IV | B5 | 4.00 | SCCJ<br>LCCJ | 900 M/S<br>833 M/S | 5 |
| | 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)<br>7.62 x 51AP (WC core) | High-Power Rifle | III | 5 & 8 | A10 | IV | B7- | 10.80<br>8.40 | AP | 869 M/S<br>930 M/S | 1 |
| | 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 |

**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 1of 2 required calibers of ballistic threat)



★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★

# WARRANTY

## GMC EXPRESS 3500

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering all its armored parts and labor as well as all added accessories for one 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



"no one protects you better."

★ Tel: +1.703.471.0002 ★ Fax: +1.703.471.0202 ★ www.alpineco.com ★ sales@alpineco.com ★