



LEVEL
A9

"no one
protects you
better."



Armored to Level A9/B6+ Against
7.62x39, 5.56x45, 7.62x51, M193, & M80 Ball

Armored Mercedes-Benz GL550

ALPINE ARMORING INC.
alpineco.com



ALPINE ARMORING INC.

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.....	Page 7
Ballistic Reference Chart.....	Page 8
Vehicle Warranty.....	Page 9





VEHICLE SPECIFICATIONS

MERCEDES-BENZ GL550
VIN: 4JGDF7DE4EA302130

GENERAL SPECIFICATIONS

VIN:	4JGDF7DE4EA302130
MAKE:	Mercedes-Benz
MODEL:	GL550 4MATIC
YEAR:	2014
ENGINE:	4.7L Bi-turbo V8 Gasoline
POWER:	429 hp @ 5,250 rpm
TRANSMISSION:	7-Speed Automatic
COLOR:	Black
INTERIOR:	Black leather
SEATING:	2 + 3 + 2
FINAL WEIGHT:	7,840 lbs. (3,556 kg)

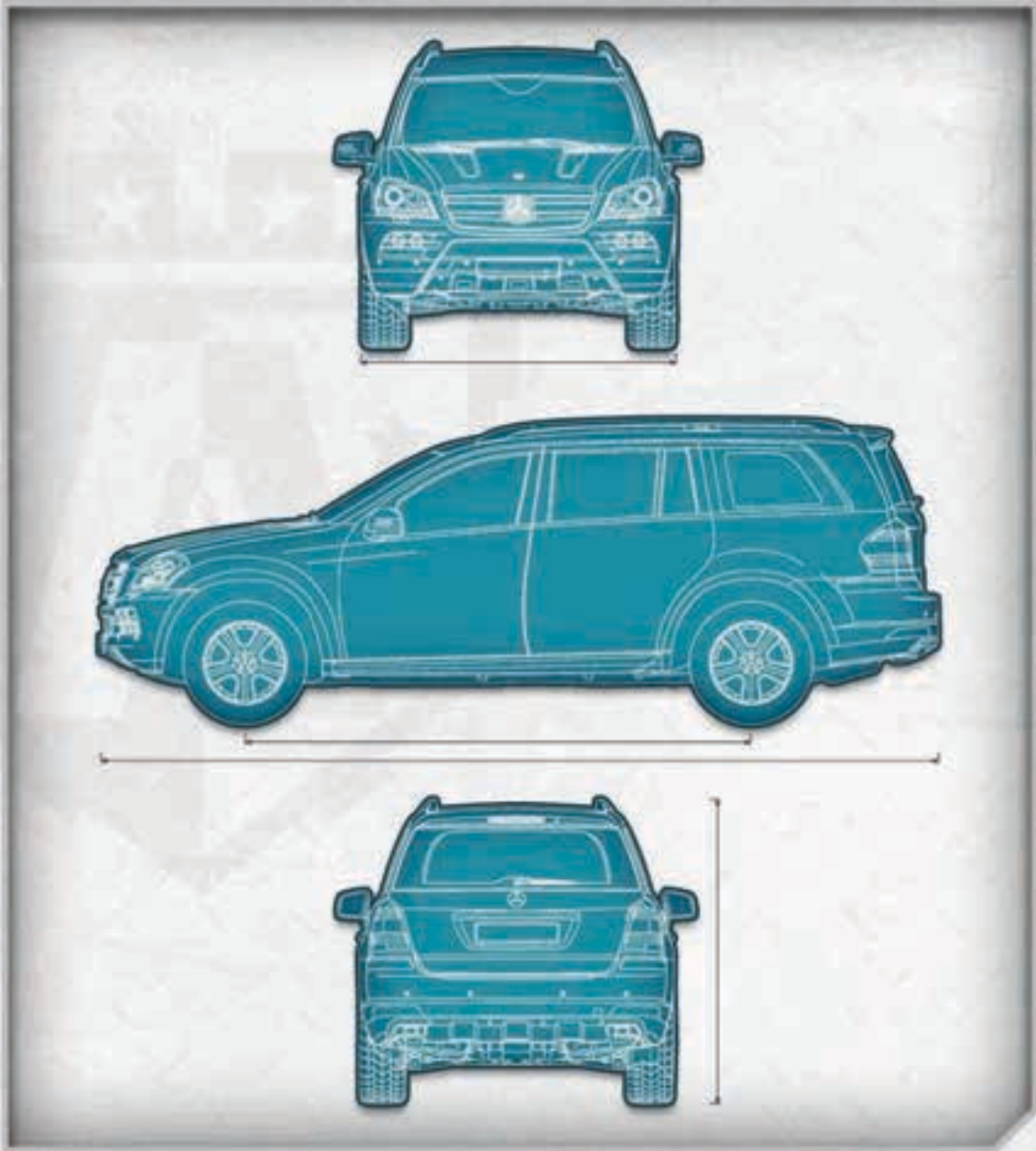
DIMENSIONS

HEIGHT:
73 in.
(185 cm)

WIDTH:
84 in.
(213 cm)

LENGTH:
202 in.
(513 cm)

WHEELBASE:
121 in.
(307 cm)



ALPINE ARMORING INC.

3
"No one protects you better"





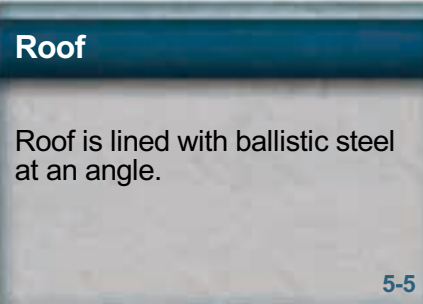
ALPINE ARMORING INC.



Firewall

Ballistic steel firewall provides protection up front.

5-1



Roof

Roof is lined with ballistic steel at an angle.

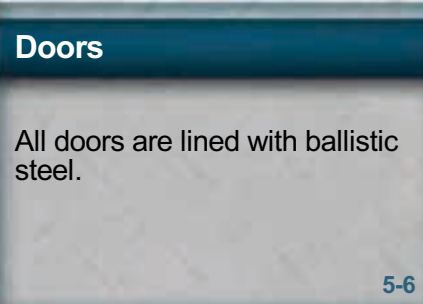
5-5



Floor

Entire floor is lined with ballistic steel.

5-2



Doors

All doors are lined with ballistic steel.

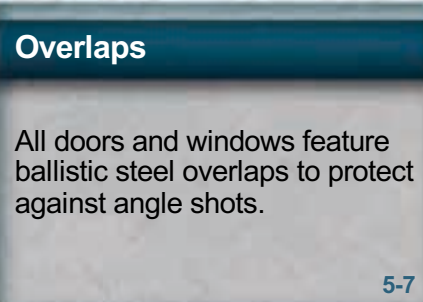
5-6



Window Anchors

All windows are mounted to ballistic steel anchors to provide more protection during a blast.

5-3



Overlaps

All doors and windows feature ballistic steel overlaps to protect against angle shots.

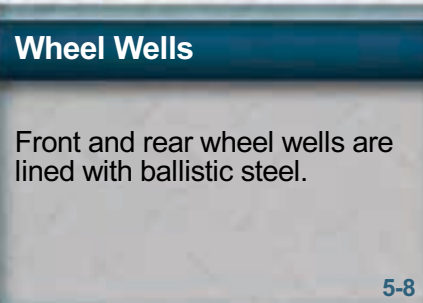
5-7



Heavy-Duty Hinges

Custom hinges that will withstand the weight of the armored doors.

5-4



Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

5-8





ALPINE ARMORING INC.



Glass Thickness

Minimum 40 mm thick glass/polycarbonate composite transparent armor.

7-1



Anti-Spall Layer

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

7-2



Multi-Hit Protection

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

7-3

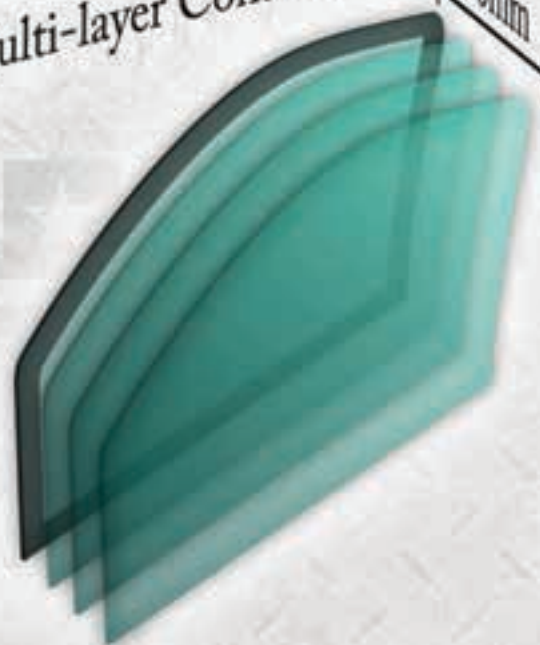


Anchored Windows

All windows are anchored for additional protection from explosions.

7-4

Multi-layer Construction 40mm





ALPINE ARMORING INC.



P.A./Multi-Siren System

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

8-1

Rear Door Partition

A separate ballistic steel rear door and partition are built in, making it so the tailgate doesn't need to be armored.

8-5



Power Windows

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

8-2

Strobe Lights

A pair of red/blue strobe lights are mounted in the front grill area.

8-6



Intercom System

An intercom system is installed on the vehicle, allowing 2-way communication between the driver and people outside.

8-3

Safety Bands

All wheels, including the spare are equipped with safety bands.

8-7



Fuel Tank Protection

The fuel tank is encased in a ballistic steel box to protect against mines and grenades.

8-4

Exhaust Protection

The exhaust is protected by a steel mesh to prevent sabotage.

8-8





COMPLETED VEHICLE PHOTOS: EXTERIOR

MERCEDES-BENZ GL550
VIN: 4JGDF7DE4EA302130

7-1



This Image is property of Alpine Armoring

7-2



This Image is property of Alpine Armoring

7-3



This Image is property of Alpine Armoring

7-4



This Image is property of Alpine Armoring

7-5



This Image is property of Alpine Armoring

7-6



This Image is property of Alpine Armoring

7-7



This Image is property of Alpine Armoring

7-8



This Image is property of Alpine Armoring

7-9



This Image is property of Alpine Armoring

ALPINE ARMORING INC.





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	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
	MPS	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	LCCJ	488 M/S	5
	Kalashnikov (M-47)	7.62 x 39	Assault Rifle	-	-	A6	III	B5	9.70	SCCJ	732 M/S	5
	Kalashnikov (Max-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 S&W 5.56 x 45 NATO Ball	Assault Rifle	I	7	A8	IV	B5	4.00	SCCJ LCCJ	900 M/S 833 M/S	5
	Winchester .308	7.62 x 51	Rifle	I	7	A9	III	B5	10.90	LCCJ	810 M/S	5
	Remington 700 SPS	7.62 x 63 AP (30-06) 7.62 x 51AP (MC var)	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	5
	.50 Cal	12.7 x 99	High-Power Rifle	IV	10	A12	-	-	45.00	CJ	908 M/S	1

"no one protects you better"

ALPINE ARMORING INC.

	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 LCCJ 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)	
--	--	--	---	--

8
"no one protects you better"





ALPINE ARMORING INC.

WARRANTY

ARMORED MERCEDES-BENZ GL550

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 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

Client Issues

