



"no one
protects you
better."



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

ARMORED MERCEDES-BENZ GL550 4MATIC

ALPINE ARMORING INC.
alpineco.com

GENERAL SPECIFICATIONS

MAKE: Mercedes-Benz
MODEL: GL550 4MATIC
YEAR: 2014
ENGINE: 4.7L V8 Gasoline
POWER: 429 hp @ 5,250 rpm
TRANSMISSION: 7- Speed Automatic
COLOR: Black Exterior Color
INTERIOR: Black Leather
SEATING: 2 + 3 + 2
FINAL WEIGHT: 7,810 lbs. (3,542 kg) Approx.

HEIGHT:
73 in.
 (185 cm)

WIDTH:
84 in.
 (213 cm)

LENGTH:
202 in.
 (513 cm)

WHEELBASE:
121 in.
 (307 cm)



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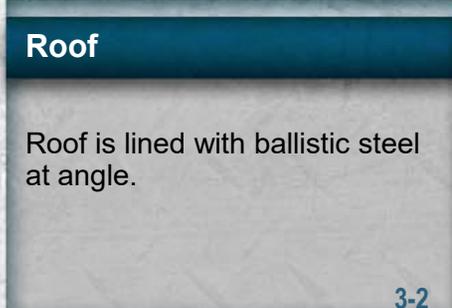
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Firewall

Ballistic steel firewall provides protection up front.

3-1



Roof

Roof is lined with ballistic steel at angle.

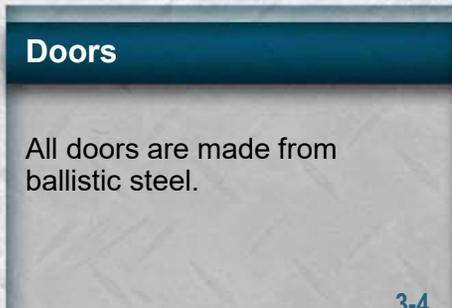
3-2



Floor

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

3-3



Doors

All doors are made from ballistic steel.

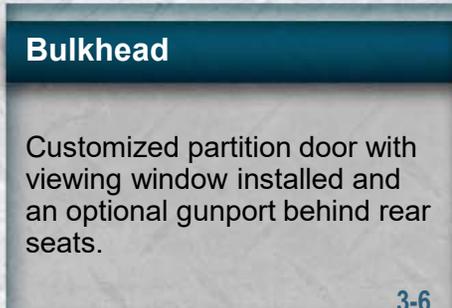
3-4



Battery Protection

Entire battery is enclosed in a fully ballistic steel casing.

3-5



Bulkhead

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

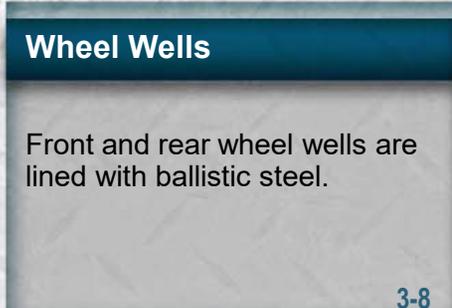
3-6



Overlaps

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

3-7



Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

3-8





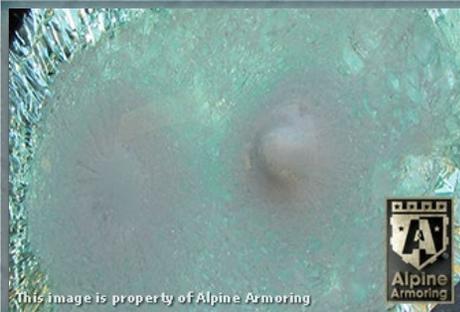
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Glass Thickness

Minimum 40 mm thick glass/polycarbonate composite transparent armor.

4-1



Anti-Spall Layer

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

4-2



Multi-Hit Protection

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

4-3

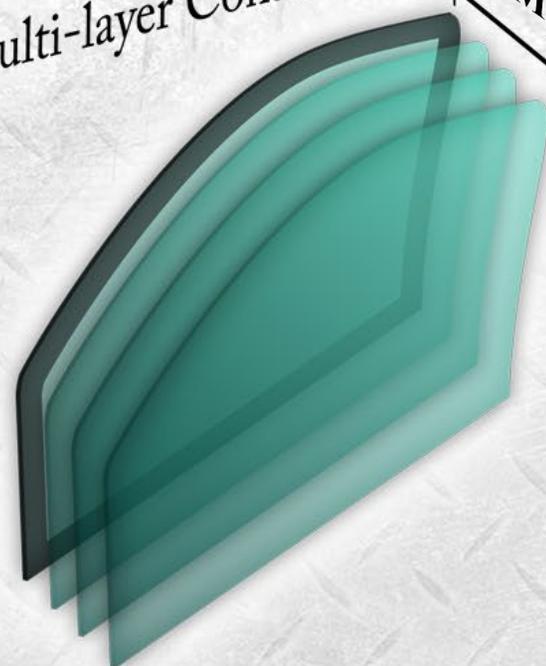


Anchored Windows

All windows are anchored for additional protection from explosions.

4-4

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.

5-1



Undercarriage Protection

Ballistic steel to protect all undercarriage of vehicle.

5-2



Power Window

The front window is powered and lower approximately 5-6 inches.

5-3



Intercom System

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

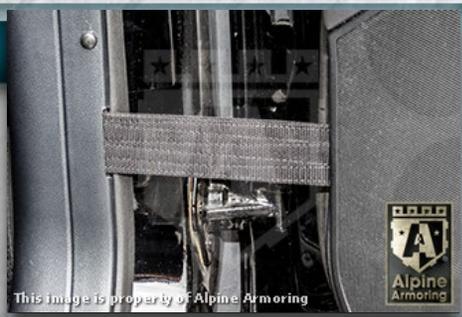
5-4



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.

5-5



Reinforced Door Straps

To provide additional support on the weight of the armor door

5-6



Rear Door Partition

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

5-7



Tailpipe Protection

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

5-8



COMPLETED VEHICLE PHOTOS: EXTERIOR



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6-1



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COMPLETED VEHICLE PHOTOS: INTERIOR



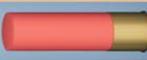
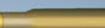
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ALPINE ARMORING'S BALLISTIC CHART

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

MERCEDES-BENZ GL550 4MATIC

This vehicle, as proposed to the client in this quote, would be under Alpine Armoring's premium warranty covering both the OEM and the entire conversion parts including all 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 around the world against any and all related manufacturer's defects, including parts & labor.

MANAGEMENT AUTHORIZED
ALPINE ARMORING INC.
CHANTILLY, VIRGINIA, USA

DATE ISSUED

