

"no one
protects you
better."

LEVEL
A9



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

Armored Mercedes-Benz S550

ALPINE ARMORING INC.
alpineco.com



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VEHICLE SPECIFICATIONS

GENERAL SPECIFICATIONS

VIN: WDDUG8CB6EA053947
MAKE: Mercedes Benz
MODEL: S550
YEAR: 2014
ENGINE: 4.6L V8 Biturbo with Direct Injection
POWER: 449 hp
TRANSMISSION: 7-Speed Automatic
COLOR: Black
INTERIOR: Black Leather
SEATING: 2 + 3
APPROX. WEIGHT: 6,000 lbs. (2,700 kg)

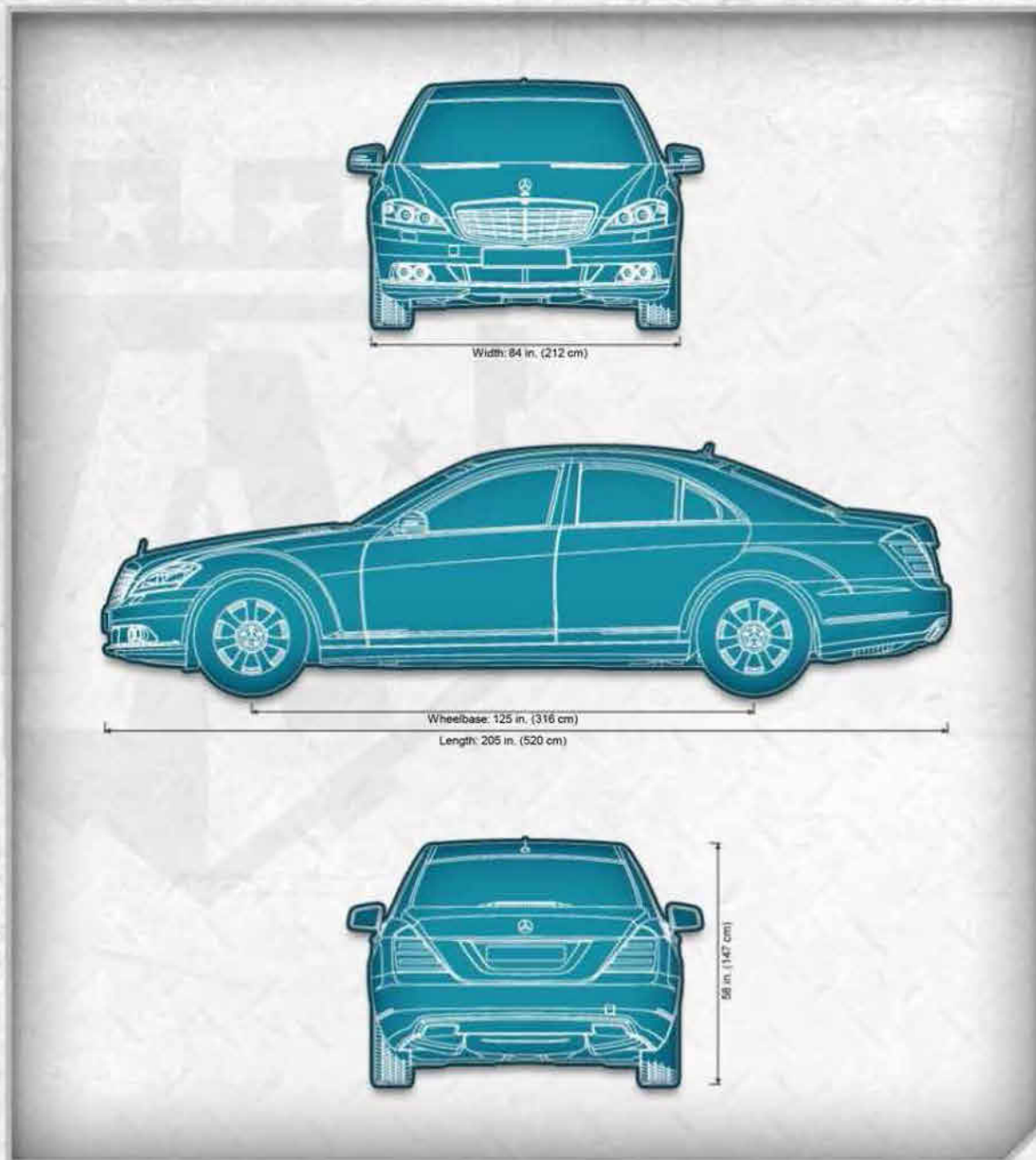
OTHER SPECIFICATIONS

HEIGHT:
58 in.
 (147 cm)

WIDTH:
84 in.
 (212 cm)

LENGTH:
205 in.
 (520 cm)

WHEELBASE:
125 in.
 (316 cm)



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OPAQUE ARMOR DETAILS



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Firewall

Ballistic steel lines the firewall and provides protection up front.

4-1



Floor

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

4-2



Exhaust Protection

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

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 lined with ballistic steel.

4-6



Heavy-Duty Hinges

Custom hinges that support the weight of the armored doors.

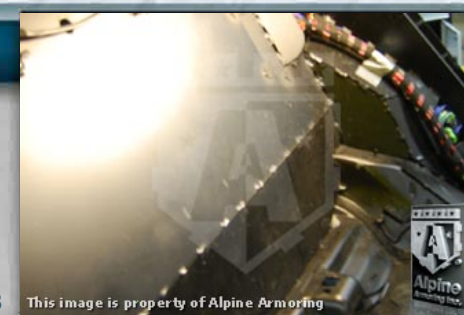
4-7



Wheel Wells

Front and rear wheel wells are lined with ballistic steel.

4-8



TRANSPARENT ARMOR DETAILS



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5
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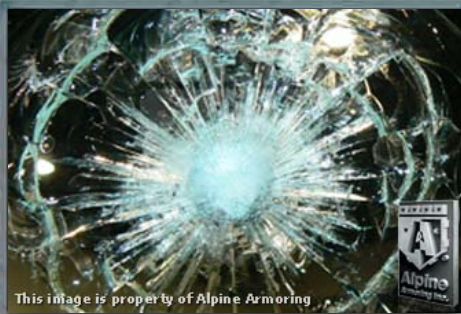


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Glass Thickness

Minimum 39 mm thick glass/polycarbonate composite transparent armor.

5-1



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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

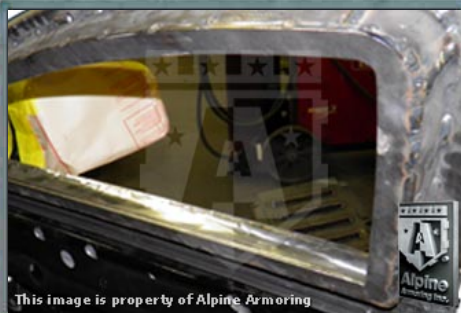


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Multi-Hit Protection

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

5-3



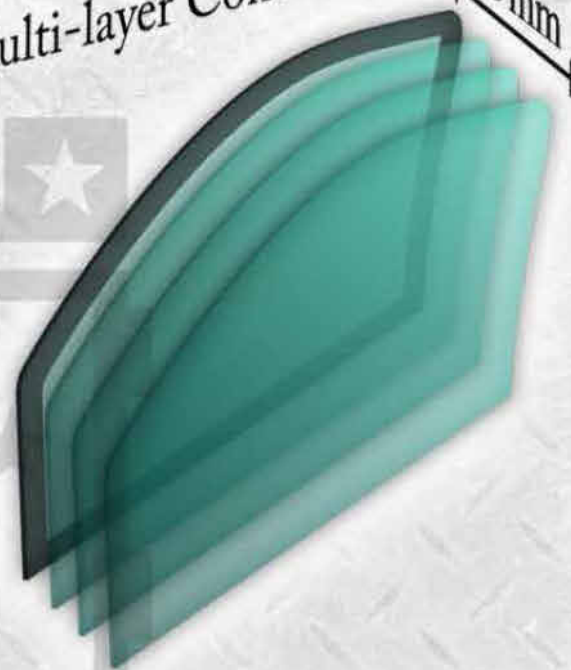
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Anchored Windows

All windows are anchored for additional protection from explosions.

5-4

Multi-layer Construction 39mm



ADDITIONAL FEATURES



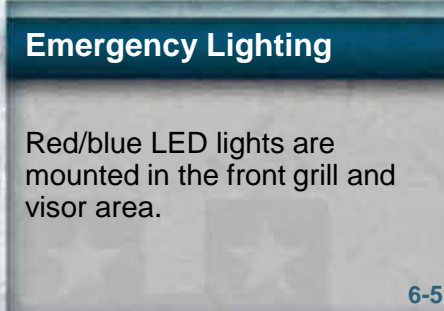
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P.A./Multi-Siren System

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

6-1



Emergency Lighting

Red/blue LED lights are mounted in the front grill and visor area.

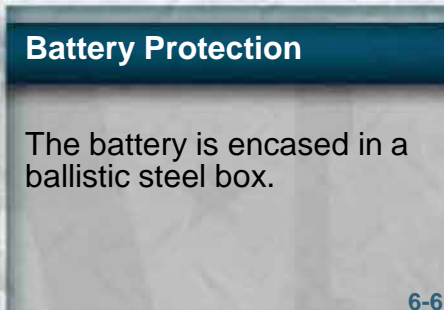
6-5



Power Windows

The front two windows are powered and lower approximately 5-6 inches for documents pass-thru.

6-2



Battery Protection

The battery is encased in a ballistic steel box.

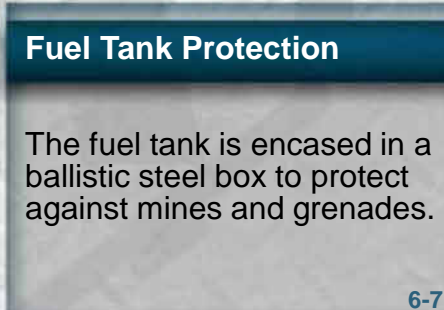
6-6



ECM Protection

Electronic control module is encased in a ballistic steel box.

6-3



Fuel Tank Protection

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

6-7



COMPLETED VEHICLE PHOTOS

7-1



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7-2



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7-3



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7-4



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7-8



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COMPLETED VEHICLE PHOTOS

8-1



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8-2



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8-3



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8-4



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8-5



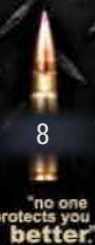
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8-6



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ALPINE ARMORING'S BALLISTIC CHART

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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,III	-	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	
	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	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 (LWC 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, IIIA, & IIIA (based on 1 of 2 required calibers of ballistic threat)

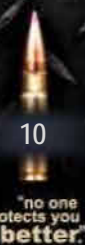


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WARRANTY

MERCEDES BENZ S550

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

DATE ISSUED

