

VEHICLE ARMORING PROPOSAL AND TECHNICAL SPECIFICATIONS

VEHICLE: 2021 Model Mercedes Maybach

Vehicle Chassis Number:.....

BALLISTIC LEVEL OF THE VEHICLE:

The ballistic level of the vehicle is specified in international standards.

It will be resistant to 7.62x51(fmj/pb/fec)-7.62x39 fn 5.7 357/358 S/W 44/45 S/W 7.65 mm 9 MM soft head fj/pb/fec3 (compliant with NATO standards) ammunition (BR-6) in accordance with NATO and Euro norm standards.

VEHICLE'S BOMB LEVEL: The ground will provide resistance against mod 44 DM51 fragmentation grenade and this will be documented. (optional)

ARMORING ZONES 1-GLASSES

All windows are multi-layer laminated glass, manufactured using polycarbonate technology to the specified ballistic level, and tested as specified by standards. The glass is guaranteed to resist fading, cracking, or swelling for a two-year period under the manufacturer's warranty. The rear window will be equipped with an anti-fog resistance system. The windows will be movable to the extent technically possible. Visible areas above the glass will be coated with 3 mm radius PVC (42 mm curved bulletproof glass).



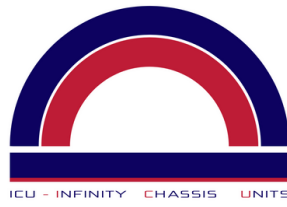
2-CEILING

The vehicle roof will be armored to the specified ballistic level.

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ANKARA

Email
factory@infinitychassis.com

Phone +90 312 443 30 00



3-BASE

The vehicle floor will be protected against MOD 44 DM 51x2 hand grenades or equivalent pressure-charge bombs with a bomb blanket. It will be detachable and will completely cover the lower section of the vehicle.



4- CARRIER POLES

All vehicle support poles will be protected with ballistic steel to the specified level. The ballistic material used will be attached to the body using submerged welding or bolts.

5-BATTERY The vehicle battery and the spare battery, if any, will be protected with ballistic steel at the specified level.

6-CAPILLARY

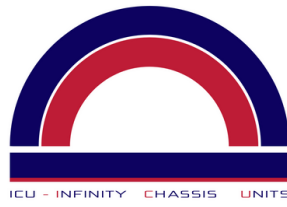
All vehicle doors will be protected with ballistic material at the specified level. The door sides (sidewalls and locking sections) will provide protection against designated projectiles coming from different angles. It will be armored as follows. (20 mm dyneema)

7-DOOR FRAMES The door gap and door joints will be covered with a steel belt made of BR-6 grade steel to prevent any ballistic gaps. (6.5 mm armor steel and 20 mm dynema)

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ANKARA

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Phone +90 312 443 30 00



8-HINGE STRENGTHENING

Vehicle door hinges will be reinforced from the inside of the door and the inside of the vehicle's pillars to prevent sagging. This will prevent sagging and sagging due to the load on the door, and this will not interfere with the removal and installation of the vehicle door.



9-BACK OF REAR SEAT

The vehicle's rear seat backs will be protected with ballistic steel of the specified level, and the seat backs inside the vehicle will be protected with armor steel. The ballistic material used will be removable (6.5 mm armor steel).

10- YOUR PANEL: The front section of the vehicle will be protected with ballistic steel. (6.5 mm (Steel) Armor

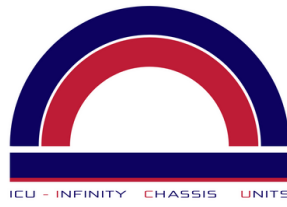
11- VEHICLE TIRES: Run-flat tires will be installed on all tires (optional)



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12- BALLISTIC TESTS

If the customer wishes to inspect the vehicle before the armoring process is completed, it will be subjected to ballistic testing. The installation will be carried out after receiving the installer's approval. The vehicle will be tested on 35-degree lateral terrain, 45-degree ramps, and will be moved again using the handbrake.

13- VIBRATION TEST

Once the vehicle armoring process is complete, the vehicle will be subjected to vibration before the flooring is installed. This test will be performed under the supervision of the installer upon request and approval will be obtained. The same test will be repeated once the vehicle is finished.

14- CERTIFICATE

The certificates of all materials used in vehicle armoring will be kept in the vehicle file by the manufacturer and will be documented by the company as being the same as the material used.

15-ARMORING WORKMANSHIP

The armor work will be guaranteed by the manufacturer for at least two years, and this will be documented by the company. After the armor work is completed, the armor will be closed with customer approval, and testing will be conducted for a fee if the customer requests. The vehicle cabin will be protected 360 degrees at the specified ballistic level. Tests can be conducted from various angles as requested by the customer. If requested, the vehicle will be tested by the customer, and the vehicle will be free from ammunition of the specified level, bullet fragments, shrapnel, glass shards, etc. If the test is successful, the customer will cover the repair cost; otherwise, the manufacturer will be responsible.

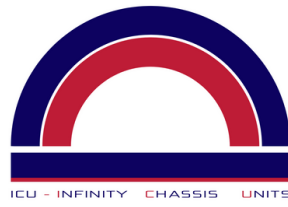
16- MATERIALS TO BE USED IN ARMORING

The materials used in vehicle armoring will be BR-6 ballistic-grade composite materials, such as high-density polyethylene and DYNEEMA knitted composite, in large areas such as doors, the rear seat backs, and the floor and ceiling to ensure long-term vehicle durability. The table below lists the ammunition types the vehicle will withstand after armoring.

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Phone +90 312 443 30 00



CLASSES (Sınıflar)		WEAPON TYPE (Silah Tipi)	Ammunition and Bullets (Genel ve Mermiler)			
VPAM	EN 1063 EN1522/23		BULLET (Mermi)	CALIBER (Kalibre)	QUALIFICATION (Nitelik)	MASS(g) (Kütle)
VPAM 1	B1			.22lr	L/RN	2,6 ± 0,1
VPAM 2	-			9mm Luger	FMJ/RN/SC Tinned	8,0 ± 0,1
VPAM 3	B2			9mm Luger	FMJ/RN/SC Tinned	8,0 ± 0,1
VPAM 4	B3			.357 Mag.	FMJ/CB/SC	10,2 ± 0,1
	B4			.44 Rem. Mag.	FMJ*/FN/SC	15,6 ± 0,1
VPAM 5	-			.357 Mag.	FMs/CB	7,1 ± 0,1
VPAM 6	-			7,62 x39	FMJ/PB/FeC	8,0 ± 0,1 Core 3,6
VPAM 7	B5			.223 Rem (5,56x45)	FMJ/PB/SCP	4,0 ± 0,1
	B6			.308 Win. (7,62x51)	FMJ/PB/HCI	9,55 ± 0,1
VPAM 8	-			7,62 x 39	FMJ/PB/HCI	7,7 ± 0,1 Core 4,1 Hardness 65
VPAM 9	B7			.308 Win. (7,62x51)	FMJ/PB/HC	9,45 g ± 0,1 Core 4,6 Hardness 60
VPAM 10	-			7,62 x 54 R	FMJ/PB/HCI	10,4 ± 0,1 Core 5,3 Hardness 63
VPAM 11	-			.308 Win. (7,62x51)	FMJ/PB/WC	8,4 g ± 0,1 Core 5,9
VPAM 12	-			.308 Win. (7,62x51)	FMJ/PB/WC	12,7 ± 0,1 Core 5,58 Hardness 1330HV 10
VPAM 13	-			.50 Browning	FMJ/PB/HC	43,0 ± 0,5 Core 35,0 Hardness 55 ± 2
VPAM 14	-			14,5 x 114	FMJ/PB/HCI	63,4 ± 0,5

17-The space between the front fenders and the pod sheet will be armored. The battery and ECU will be renovated. The brake system will be renewed.

COMPANY OFFICIAL

Murat HANİLÇE

BUYER

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ANKARA

Email
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