



*ARMORED VIP VEHICLES FOR RENT, LEASE & SALE*

## 2019 MB MAYBACH SEDAN

B6 ARMORED HIGH SECURITY PRESIDENTIAL PACKAGE

### **Armoring Certification and Security/Safety Specifications**

- White LED Strobe Strobe Lights Front & Rear – State Dept / US Secret Service Protocol
- Red/Blue LED Strobe Lights Front & Rear – Law Enforcement Protocol
- Siren and PA Package
- Emergency 2nd Battery Backup with driver switch
- Driver side Indoor outdoor Intercom for easy communication at checkpoints
- Engine Bay Fire Suppression System – 2 cannisters in bay & driver deployment switch





## Armor Build Specifications

### 2. Standard Security Features and Accessories:

- B6 Armor Package
- Vehicle suspension professionally upgraded to accommodate the vehicle armor weight.
- Run-flat devices fitted in all vehicles' tires, Including full size spare
- Partially Operational Driver Window
- Battery, fuse box and ECM armored
- B6 Rated Armored Roof with Certified Steel
- B6 Rated Armored Firewall with Certified Steel
- Fuel tank Armored with Certified Steel Cover
- Floor armored to provide occupants blast protection against simultaneous detonation of (2) DM51 German hand grenade ordnance or equivalent
- Tailpipe protection to prevent insertion of foreign objects

### 3. Vehicle Layout Beyond Standard Configuration:

- Hidden Red/Blue LED Strobe Lights Front . Optional White LED Strobes
- Siren and PA Package
- Engine Bay Fire Suppression System
- Additional Partially Operable front Passenger door window

### 4. Opaque Armor - Advanced Ballistic Steel and Composite Materials:

- Ballistic Safety Cell with vertical and horizontal body surfaces armored using Ballistic steel or light weight composite materials to provide protection
- Ballistic Safety Cell provides 360-degree protection against multiple projectiles of a linear or angled trajectory, ensuring no bullet or fragmentation will enter the vehicle's interior.

### 5. Transparent Armor:

- Clad-Polycarbonate-Mylar, ceramic paint bands to assure adhesion with no de-lamination, anti-spall to protect against fragmentation, and no discoloration from UV rays.
  - B6 Level Curved Windshield
  - B6 Level Curved/Shaped Door Glass
  - B6 Level Quarter Panel Glass Inserts behind OEM Glass
- Window overlap system to assure no fragmentation will enter the vehicle.
- Single-piece ballistic curved glass at windshield and doors for an OEM appearance, unimpaired performance of the OEM HVAC system, and multiple impact protection.
- All ballistic glass installed with high quality automotive grade primer and urethane.

### 6. Locks:

- All door locks to remain OEM and retain all OEM intended functionality.
- Lock cylinder/key integrated into handle at rear bulkhead door for intrusion protection.
- Emergency tailgate release latch at rear bulkhead.



**7. Doors:**

- Armor overlap system at all doors, posts and pillars, to ensure no fragmentation can penetrate between spacing of Advanced Ballistic Material and transparent armor.
- All vehicle pillars are reinforced with Advanced Ballistic Material to accommodate the additional weight of the armored door and complete the Ballistic Safety Cell.
- All doors modified will be professionally upholstered with high quality automotive grade: vinyl or carpet upholstery, stitching, adhesives and primers, to match OEM interior fit and finish.
- Reinforced door hinges from interior of doorframe and door pillars to compensate for additional weight of door armor.
- Heavy-duty nylon door travel retainers to prevent overextension.
- Rear bulkhead door behind OEM rear tailgate for greatest discretion and functionality.

**8. Electrical:**

- Certified automotive electricians will modify, form, shape and test all standard and additional electrical equipment to ensure 100% function after the armor manufacturing process.
- All additional electrical equipment installed on the vehicle is individually fused, loomed in all areas, routed separately from fuel lines and mechanical cables

**9. Interior:**

- All original OEM interior panels and trim will be professionally removed, resized, modified, and reinstalled, to maintain as close to OEM appearance and functionality as possible.
- All interior modifications attributed to the Ballistic Safety Cell will be seamless in appearance and professionally finished to meet the OEM upholstery fit, finish, and quality.
- The OEM windshield HVAC, defrosting/defogging, wiper, and washing systems shall all be reinstalled and function in accordance to IAW FMVSS 103, 104, and 111.

Armor Type	Projectile Calibre	Cartridge Type	Velocity Range	No. Shots	Shot Spacing	No. Samples	Test Temp
BR1	.22 LR	40 grain Lead Round Nose	1048 to 1214 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
BR2	9mm Luger	124 grain Full Steel Jacket Round Nose Soft Core	1280 to 1345 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
BR3	.357 Magnum	158 grain Full Steel Jacket Coned Soft Core	1378 to 1444 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
BR4	.44 Magnum	240 grain Full Copper Jacket Flat Nose Soft Core	1411 to 1476 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
BR5	5.56 x 45 NATO (.223 Remington)	62 grain type SS109 (Steel Penetrator)	3084 to 3150 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
BR6	7.62 x 51 NATO (.308 Winchester)	147 grain Full Steel Jacket (M80)	2690 to 2756 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
BR7	7.62 x 51 NATO (.308 Winchester)	150 grain Full Copper Jacket Steel Hard Core	2657 to 2723 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F
SG1	12 Gauge	478 grain Solid Lead Brenneke Slug (1.09 ounce)	1312 to 1444 ft./sec	1	n/a	3	55 - 73F
SG2	12 Gauge	478 grain Solid Lead Brenneke Slug	1312 to 1444 ft./sec	3	4.3 to 5.1in Triangle	3	55 - 73F

1) Full Steel jacket (plated)  
2) Full copper alloy jacket

L -lead  
CB - coned bullet  
FJ - full metal jacket bullet  
FN - flat nose  
HCl - steel hard core, mass (3,7 ± 0,1) g, Hardness more than 63 HRC  
PB - pointed bullet  
RN - round nose

\* Twist length (178 ± 10) mm  
\*\* Twist length (254 ± 10) mm