



B7 Vehicle Armoring

SPECIFICATION SHEET

- Five sided armoring of passenger compartment (360 degree protection) to defeat high-powered rifle fire, 7.62 x 51 AP Round @ 2,675 fps.
- Floor is fitted with a blast protection and VEE Hull to protect occupants against blast from single mine under the hull (7 kg TNT) or equivalent.
- Armoring included on kick panels, Front fenders, rear wheel wells, firewall, A, B, and C door pillars and posts.
- Armor consists of all welded ballistic grade steel construction.
- Certain designed materials and installation techniques are used which permit a significant reduction in cost to the client while maintaining structural integrity and ballistic resistance level.
- The interior frame, constructed of ballistic grade steel, provides overlap and backup protection for the large-surface principal impact areas such as the doors and windows. It also reinforces the structural integrity of the pillars and other areas that are typically ignored or poorly armored by other manufacturers.
- Vehicle armoring shall be constructed in such a way as to ensure that a projectile following a linear or angled path shall not enter the vehicle's interior without contacting the armor material. In addition to this, the possibility of a projectile entering the vehicle's interior due to a ricochet from the armor shall also be minimized.

Protection System	NATO CLASS / HIGH LEVEL
Glass Areas	<ul style="list-style-type: none"> • A COMBINATION OF GLASS, POLYCARBONATE AND MYLAR ARE BONDED TOGETHER USING THE LATEST TECHNOLOGY, PRODUCING ONE OF THE FINEST TRANSPARENT ARMORS AVAILABLE WHILE INCORPORATING THE FOLLOWING QUALITIES: • GLASS IS POSITIONED GEOMETRICALLY TO OBTAIN THE OPTIMUM BLAST MITIGATION FROM SIDE BLAST OR IMPROVISED EXPLOSIVE DEVICES. • ANTI-SPALL SHIELD PROTECTING AGAINST SHATTERING GLASS • MULTIPLE IMPACT PROTECTION (THREE SHOT). • FINEST OPTICAL QUALITY, MINIMAL DISTORTION • NO DELAMINATION • NO DISCOLORATION FROM UV RAYS



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Glass Appearance	GLASS IS CURVED AND CONTOURED TO RETAIN THE APPEARANCE OF THE ORIGINAL GLASS. ALL TRANSPARENT AREAS IS ARMORED TO LEVEL B7 WITH THICKER THAN 44MM BALLISTIC AUTO GLASS.
Front Side Driver Window	OPERABLE TO 6 INCHES
Body Doors	<ul style="list-style-type: none"> • ARMOR OVERLAP AT ALL DOORS TO PREVENT PENETRATION THROUGH DOOR POSTS AND PILLARS. • DOOR PILLARS AND HINGES REINFORCED FOR MAXIMUM STRENGTH RETENTION. <p>PILLAR POSTS, SIDE PANELS, KICK-PANELS, FIREWALL, AND HEADERS (LATERALS) ARE ARMORED WITH BALLISTIC COMPOSITE MATERIAL EQUIVALENT MATERIAL OR AIR HARDENED HEAT TREATED BALLISTIC STEEL (B7 PROTECTION)</p>
Roof	ARMORED WITH BALLISTIC COMPOSITE MATERIAL
Certification	<ul style="list-style-type: none"> • H. P. WHITE LABORATORIES U.S.A • UNITED STATES LABORATORY <p>THE COMPLETE TESTING STANDARDS SET OUT IN THE GUIDELINES REFERRED TO, AS WELL AS THE TEST PROTOCOL AND ALL CERTIFICATES, MAY BE VIEWED.</p>
Suspension & Braking System	<p>REAR STABILISER BAR UPGRADED TO A HEAVY DUTY MODEL</p> <p>BRAKING SYSTEM IS FULLY MODIFIED TO PERFORM UNDER ADDITIONAL ARMoured VEHICLE BODY.</p> <p>TIRES AND RIMS FITTED ARE FULLY APPROVED FOR THE HIGHER VEHICLE WEIGHT RATIO ACCORDING TO TÜV / MOT (DOT EQUIVALENT) TYPE RECOMMENDATIONS AND LEGAL REQUIREMENTS.</p> <p>MODIFICATIONS ARE CARRIED OUT TO ASSURE THAT THE VEHICLE PASSES THE VERY EXACT GERMAN TYPE APPROVAL.</p>



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<p>Extra Security Equipment Fitted as a Standard to Vehicle</p>	<p>REINFORCED HINGES: SPECIALLY DESIGNED REINFORCED STRENGTHENED HEAVY DUTY DOOR HINGES A MINIMUM OF TWO EXTRA HINGES PER DOOR</p> <p>PROTECTED FUEL TANK: COMPLETELY ARMoured ACCORDING TO THE SPECIFICATIONS WITH LEVEL CEN B7.UTILIZING ARMORED STEEL</p> <p>PROTECTED VEHICLE MANAGEMENT SYSTEM (BLACK BOX): COMPLETELY ARMoured ACCORDING TO THE SPECIFICATIONS UTILIZING LEVEL CEN B7. WITH ARMORED STEEL</p> <p>RUN-FLAT TIRE SYSTEM: 50 KM DISTANCE AT 50 Km/H SPEED.</p> <p>REAR CARGO: 100% PROTECTION AGAINST FOREIGN PROJECTILES AND SPLINTERS. THE TRANSPARENT ARMOUR AREA PROVIDES REAR VIEW VISION WITH MINIMAL OBSTRUCTION.</p> <p>VEHICLE SUSPENSION STABILISING BARS: ROBUST HEAVY DUTY HARD WEARING COIL SYSTEM. OEM COMFORT STANDARDS ARE MAINTAINED WITH THIS FEATURE.</p>
<p>Security Extras (Optional)</p>	<ul style="list-style-type: none"> • RUNFLAT IN 2 SPARE TIRES. • HOOD AND RADIATOR PROTECTED • AIR CONDITIONING IN FRONT CAB AND REAR COMPARTMENT • TOW BAR INCLUDED • RECOVERY WINCH (10 TON) • GUN PORT WITH SPRING LOADED INSERTS (10) • PROVISION FOR UP TO 2 TURRETS • PROVIDES 360 DEGREES ROTATION • CAPABLE OF MOUNTING PKM OR PKC AND DSHK • FREE TRAVERSING WITH MULTIPLE LOCKING SECTIONS • ALL ANGLE OF SHIELDS AROUND TURRET • PROVISION FOR COMMUNICATIONS EQUIPMENT (COMMUNICATIONS NOT INCLUDED) • EXTERIOR MILITARY STYLE "DESERT TAN" PAINT SCHEME • HEAVY DUTY FRONT AND REAR RAM BUMPERS • SIZE TO PERMIT ROLL-ON/ROLL-OFF C-130 TRANSPORT AIRCRAFT • ACCELERATION 0 – 50 MPH IN 18



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	<p>SECONDS</p> <ul style="list-style-type: none"> • NATO STYLE JUMPER CABLES • TOOL KIT • OPERATIONAL AT TEMPERATURE RANGE – 25 TO +60 DEGREES CELCIUS • ALL MANUALS AND WRITTEN INFORMATION PROVIDED BY VEHICLE MANUFACTURER SHALL BE INCLUDED.
Service Package	<p>Local Service Provided in Iraq (Baghdad, at Camp Victory & Camp Brooklyn and for all other locations in Iraq like Mosul, Tikrit, Basrah and Balad a team of engineers & technicians will be sent on a secure military base) Kuwait , Jordan, Egypt, U.A.E. , U.S.A. , Canada, Russia, Brazil, Mexico, Turkey, Sweden, France, Italy, Afghanistan, and Germany. All other countries are available upon request, All the above have the ability to conduct full warranty, maintenance & service for ballistic and non ballistic needs</p>
Strobe Lights	<p>BLUE OR RED LIGHTS VISIBLE OR NON-VISIBLE EXCEPT WHEN TURNED ON CAN BE MOUNTED TO THE VEHICLE TO DRAW ATTENTION IN STANDARD TRAFFIC SITUATIONS.</p>
Telephone / Radio Cable Preparation	<p>PRE-WIRING HAS BEEN LAID THROUGHOUT THE VEHICLE TO ASSIST FURTHER INSTALLMENT OF COMMUNICATION EQUIPMENT FOR ON BOARD TELEPHONE.</p>
Toolbox	<p>Standard Tools included for emergency situations</p>



Warranty

- 3 YEARS OR 60,000 KM WHICHEVER COMES FIRST
- WARRANTY FOR DEFECTS IN MATERIALS AND WORKMANSHIP AFTER TRANSFER OF RISK.
- SERVICES UNDER THE WARRANTY SHALL ONLY BE PROVIDED FREE OF CHARGE IF THE DEFECTS ARE PROVEN IN DESIGN, MATERIALS OR WORKMANSHIP.
- THE WARRANTY IS EXTENDED TO ANY PARTS INSTALLED WHEN REMEDYING THE DEFECTS UNTIL EXPIRE OF THE WARRANTY PERIOD.

SAMPLE

		
REAR HATCH DOOR	BATTERY COMPARTMENT	DOORS
		
ROOF	FRONT COMPARTMENT	RUNFLATS



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Armored Landcruiser



Armored BMW 745i