

NIJ LEVEL III/B6 CASH IN TRANSIT VEHICLES

SPECIFICATION SHEET

- OUR ARMORED CASH IN TRANSIT VEHICLES OFFER FULL BALLISTIC PROTECTION FOR THE WHOLE CREW, RANGING FROM LEVEL B2 TO B7 GROUP IN ACCORDANCE WITH U.S.A AND EUROPEAN NORMS 1063, 1522 AND 1523 (RANGING FROM C2/M2 TO C5/M5, ACCORDING TO GERMAN DIN 52 290 STANDARD), FOR ARMORED SPORT UTILITY VEHICLES FOR TRANSPORT OF MONEY AND SECURITIES(CIT), SPECIAL ARMORED VEHICLES, SPECIAL SUPERSTRUCTURES AND ARMORED TRUCKS, DELIVERED TO OUR CUSTOMERS IN THE PRESIDENTIAL, GOVERNMENTAL, CIVILIAN, POLICE AND ARMED FORCES SECTORS. BY FAR OUR MOST IMPORTANT MARKET AREA IS THE MIDDLE EAST, WITH OVER 250 B6 ARMORED VEHICLES IN SERVICE THERE. THE DESIGN OF EACH VEHICLE FOLLOWS THE REQUIREMENTS OF THE CUSTOMER AND CUSTOMER-DEFINED CRITERIA. THIS RULE APPLIES TO EVEN THE BIGGEST ARMORED LIMOUSINES AND THE BIGGEST ARMORED TRUCKS.
- ALL ARMORING MATERIALS USED UNDERGO SPECIAL AND RIGOROUS TESTS IN HP WHITE LABORATORIES, USA. OUR VEHICLES, UNLIKE THE COMPETITION, USE 7MM SST STEEL, UNLIKE THE COMPETITION WHICH USES 6MM MATERIAL. OUR NATO CLASS / HIGH LEVEL PROTECTION SYSTEM VEHICLE TYPE ARMOR HAS BEEN FULLY TESTED ON THE FIELD BY THE US MISSION IN IRAQ, FROM CEN LEVEL FB4 TO CEN B7 PROTECTION LEVEL. THIS INTERNATIONAL STANDARD IS RECOGNIZED AND ACCEPTED BY THE U.S.A GOVERNMENT AND OTHERS AROUND THE WORLD. OUR VEHICLES ARE IN USE WITH THE UN, AND IN MANY NATO ARMIES IN KOSOVO, BOSNIA, IRAQ AND AFGHANISTAN. OFFICE TESTS ARE NOT ONLY EQUIVALENT TO THE US AND INTERNATIONAL TESTS, (BASICALLY TESTING ARMOR COMPONENTS WITH 7.62 X 51 NATO RIFLE ROUNDS, 7.62 X 39 KALASHNIKOV AK-47, GRENADES ETC.,) BUT IN TERMS OF IMPACT TESTS ON OUR MULTI-LAYER GLASS SYSTEM ARE MORE STRINGENT. WE MAKE THE SAFEST VEHICLES YOU WILL FIND ANYWHERE, AND USE SST SPECIALLY STRENGTHENED STEEL, INTEGRATED BULLET TRAPS FOR THE DOORS AND SPECIALLY REINFORCED CHASSIS AND ROOF COMPONENTS.

ARMOUR SPECIFICATIONS

- THE ARMOURING PROCESS HAS BEEN INTEGRATED AFTER THE BASE CHASIS PRODUCTION WITHOUT CHANGING THE EXTERIOR APPEARANCE. THE SAFETY CELL IS ENGINEERED IN SUCH A WAY THAT ALL GAPS BETWEEN THE MAIN BODY OF THE BUS AND THE DOORS ARE OVERLAPPED AND FITTED WITH SPALL-RETURNS TO PREVENT FOREIGN PROJECTILES OR SPLINTERS FROM ENTERING THE PASSENGER COMPARTMENT.

BASE ARMORING SPECIFICATION:

- FIVE SIDED ARMORING OF PASSENGER COMPARTMENT TO DEFEAT HIGH-POWERED RIFLE FIRE, 7.62 X 51 M80 NATO BALL @ 2,750 FPS.
- FLOOR IS FITTED WITH A BLAST PROTECTION TO PROTECT OCCUPANTS AGAINST FRAGMENTATION FROM DETONATION OF 2 DM-51 GERMAN ORDNANCE HAND GRENADES 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 STREIT 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.

GLASS

- 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:
- ANTI-SPALL SHIELD PROTECTING AGAINST SHATTERING GLASS
- MULTIPLE IMPACT PROTECTION (THREE SHOT).
- FINEST OPTICAL QUALITY, MINIMAL DISTORTION
- NO DELAMINATION
- NO DISCOLORATION FROM UV RAYS

DOORS

- ARMOR OVERLAP AT ALL DOORS TO PREVENT PENETRATION THROUGH DOOR POSTS AND PILLARS.
- DOOR PILLARS AND HINGES REINFORCED FOR MAXIMUM STRENGTH RETENTION.

OPAQUE ARMOR: ARMORED PASSENGER COMPARTMENT ROOF AND 4 SIDES ONLY. FLOOR OF PASSENGER COMPARTMENT IS PROTECTED TO SHIELD AGAINST FRAGMENTATION FROM 2 DM-51 GERMAN ORDNANCE HAND GRENADES OR EQUIVALENT.

WEAPON	CALIBER	AMMUNITION	VELOCITY
RIFLE	7.62 X 51	M80 NATO BALL	2,750 FPS
AK-47	7.62X39MM	M-1943	2,400 FPS
SUB-MACHINE-GUN	9X19MM	LCJJ	1,400 FPS
TOKOREV	7.62X25MM	LCSJ	1,600 FPS
HAND GUN	44 MAGNUM	LWC	1,443 FPS

TRANSPARANT ARMOR:

WEAPON	CALIBER	AMMUNITION	VELOCITY
RIFLE	7.62 X 51	M80 NATO BALL	2,750 FPS
AK-47	7.62X39MM	M-1943	2,400 FPS
SUB-MACHINE-GUN	9X19MM	LCJJ	1,400 FPS
TOKOREV	7.62X25MM	LCSJ	1,600 FPS
HAND GUN	44 MAGNUM	LWC	1,443 FPS

*** ALL ARMOR IS PROTECTED FROM MULTIPLE (3) SHOTS ***

ELECTRICAL

- ALL ELECTRICAL STANDARD TO THIS VEHICLE SHALL BE TESTED AND MODIFIED AS NECESSARY TO PROTECT AGAINST THE ARMORING PROCESS.

INTERIOR

- ALL ORIGINAL OEM INTERIOR PANELS AND TRIM WILL BE RESIZED OR MODIFIED AND RE-INSTALLED WHEREVER POSSIBLE TO OBTAIN AS CLOSE TO AN ORIGINAL LOOK AS POSSIBLE

OTHER FEATURES

- RUN FLAT DEVICES FITTED IN 5 VEHICLE TIRES.
- VEHICLE TIRE JACK (UPGRADED IF NECESSARY TO LIFT ADDITIONAL WEIGHT OF ARMOR)& TIRE IRON
- SUSPENSION AND BRAKING SYSTEMS REINFORCED OR MODIFIED AS NECESSARY TO COMPENSATE FOR ADDITIONAL WEIGHT.
- BULKHEAD WITH VIEW GLASS TO BE INSTALLED AT VEHICLE'S REAR INTERIOR DIRECTLY IN FRONT OF REAR DOORS.
- STEEL GAS TANK PROTECTION
- KILL SWITCH SYSTEM TO BE INSTALLED TO DISABLE VEHICLE WHEN NOT IN USE.

ALL MANUALS AND WRITTEN INFORMATION PROVIDED BY VEHICLE MANUFACTURER SHALL BE IN ARABIC OR ENGLISH

EXTRA SECURITY EQUIPMENT FITTED AS STANDARD TO VEHICLE:

- **HINGES REINFORCED**

ALL ORIGINAL OEM DOOR HINGES HAVE BEEN REPLACED WITH SPECIALLY DESIGNED REINFORCED STRENGTHENED HEAVY DUTY DOOR HINGES. THESE HINGES WILL HOLD THE ADDITIONAL OPAQUE AND TRANSPARENT ARMOUR FEATURES THAT ARE INCORPORATED INTO THE VEHICLE'S DOORS.

- **PROTECTED FUEL TANK**

FUEL TANK IS COMPLETELY ARMoured ACCORDING TO THE SPECIFICATIONS WITH LEVEL CEN B6. ARMoured STEEL WILL PROTECT FUEL TANK AGAINST THE EFFECTS OF EXPLOSIVE DEVICE PROJECTILES BEING DETONATED UNDER THE VEHICLE.

- **PROTECTED VEHICLE MANAGEMENT SYSTEM (BLACK BOX)**

AS AN ADDED PRECAUTION, THE VEHICLE MANAGEMENT SYSTEM BLACK BOX IS ALSO PROTECTED WITH ARMoured STEEL PLATING, PROTECTING IT AGAINST SPLINTER AND PROJECTILES. MANY IMPORTANT VEHICLE FUNCTIONS ARE ELECTRICALLY CONTROLLED BY THIS PIECE OF EQUIPMENT.

- **RUN-FLAT TIRE SYSTEM**

IN THE EVENT OF VEHICLE RECEIVING A PUNCTURE, BLOW-OUT OR HAVING DEFLATED TYRES THE RUN-FLAT SYSTEM WILL ALLOW THE VEHICLE TO CONTINUE DRIVING UNDER CONTROLLED CONDITIONS FOR 30 KM @ 30KM/H. A RUN-FLAT SYSTEM IS A VERY IMPORTANT SECURITY MEASURE. KEEPING THE VEHICLE MOBILE IS ABSOLUTELY ESSENTIAL TO PREVENTING WOULD BE ATTACKERS WITH HAND HELD WEAPONS FROM OBTAINING AN ACCURATE BALLISTIC GROUPING ON THE VEHICLE ARMOUR. KEEPING MOBILE WILL ALSO GET THE VEHICLE AWAY FROM DANGEROUS AND REMOTE REGIONS.

- **REAR CARGO**

THE REAR CARGO IS FULLY PROTECTED WITH AN OPAQUE / TRANSPARENT ARMOUR COMBINATION PROVIDING PROTECTION AS ACCORDING TO CEN REQUIREMENTS AND STANDARDS. SPALL RETURNS HAVE BEEN IMPLEMENTED PROVIDING 100% PROTECTION AGAINST FOREIGN PROJECTILES AND SPLINTERS. THE TRANSPARENT ARMOUR AREA PROVIDES REAR VIEW VISION WITH MINIMAL OBSTRUCTION.

• **VEHICLE SUSPENSION STABILISING BARS**

THE REGULAR STANDARD OEM SUSPENSION HAS BEEN REPLACED WITH A MORE ROBUST HEAVY DUTY HARD WEARING COIL SYSTEM TO WITHSTAND THE ADDITIONAL SUBSTANTIAL BODY ARMOUR WEIGHT. THE ADDITIONAL WEIGHT SHIFT AND PRESSURE UPON THIS SUSPENSION SYSTEM WHEN A VEHICLE NEGOTIATES A PARTICULARLY DEEP POT HOLE CAN LEAD TO THE SITUATION WHERE THE SUSPENSION COILS DO NOT RECOVER THEIR CORRECT POSITIONING LEAVING THE VEHICLE IN A SUNK DOWN LEANING POSITION. THE ADAPTED SUSPENSION STABILISING BARS WILL PREVENT THIS OCCURRENCE FROM HAPPENING. OEM COMFORT STANDARDS ARE MAINTAINED WITH THIS FEATURE.

OPTIONAL EXTRAS / SECURITY EXTRAS:

THE FOLLOWING OPTIONAL ACCESSORIES ARE AVAILABLE TO BE ADDED TO THESE VEHICLES FOR AN ADDITIONAL FEE, PLEASE CHECK ANY WHICH YOU WOULD LIKE INCLUDE ON YOUR VEHICLE(S):

- PUBLIC ADDRESS AND INTERCOM SYSTEM TO ALLOW OCCUPANTS OF VEHICLE TO HAVE ONE OR TWO WAY COMMUNICATION WITH PEOPLE DIRECTLY OUTSIDE.
- HALOGEN SPOTLIGHT TO BE CONTROLLED VIA A MECHANISM LOCATED SAFELY WITHIN THE VEHICLE. (BLINDER LIGHT)

- BALLISTIC RESISTANT GRILLE GUARD TO PROTECT RADIATOR AND FRONT OF ENGINE COMPARTMENT.
 - HIDDEN OR EXPOSED GUN PORTS TO ALLOW FIRE TO BE RETURNED
 - FROM WITHIN THE VEHICLE.
 - ENGINE COMPARTMENT FIRE SUPPRESSION SYSTEM.
 - INSTALLATION OF MECHANISM TO ALLOW RAISING/LOWERING OF REAR PARTITION GLASS.
 - AFTERMARKET VEHICLE ALARM SYSTEM.
 - WIG WAG POLICE STYLE HEADLIGHTS
 - STROBE LIGHT INSIDE FRONT HEADLIGHTS
 - STROBE LIGHT INSIDE TAILGATE LIGHTS
 - HIGH DENSITY LIGHTS (FRONT & REAR)
 - FRONT OR REAR BUMPER REINFORCED
 - REMOTE ENGINE STARTER
 - BLACK OUT LIGHTS (POLICE STYLE)
 - AC\DC POWER INVERTER
 - ADDITIONAL 12V OUTLETS FOR LAPTOP
 - ADDITIONAL READING MAP LIGHTS
 - SECURITY COLOR CAMERAS WITH MONITORING SYSTEM (4 EXTERNAL)

CERTIFICATE:

- H. P. WHITE LABORATORIES U.S.A
- UNITED STATES LABORATORY

WARRANTY

- 1 YEARS 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 FOR THE OBJECT OF PURCHASE.





FRONT COMPARTMENT REAR COMPARTMENT



Rear Compartment Door (Interior) Front Compartment



