



SVI
SINCE 2004

**SVI ARMOURING
SOLUTIONS**

**CIVILIAN
CATALOGUE**





CATEGORIES

C1 SINGLE CAB



C2 DOUBLE CAB



C3 HATCH



C4 SEDAN



C5 MINIBUS



C6 SUV

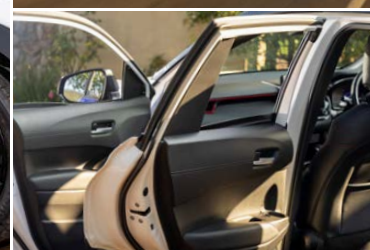


CIVILIAN DISCREET PARTIAL ARMOUR // B2 PROTECTION

FOR WHEN SMASH-AND-GRAB
TINTING IS NOT ENOUGH



SCAN ME



KEY FACTS



PROTECTION LEVEL
Handguns up to
9 mm, 124 gr.



MATERIALS USED
B2 armoured glass
and composites for
the door areas



MASS ADDED
15 kg per door
selected



WINDOW OPENING
All windows to open
fully but dependent
on vehicle model



BUILD TIME
2 weeks



TARGET MARKET
Discreet anti-
hijack solution



BODY STYLE
All

- C1 SINGLE CAB

- C2 DOUBLE CAB

- C3 HATCH

- C4 SEDAN

- C5 MINIBUS

- C6 SUV




CAN BE
UPGRADED TO B4+
(AK47 PROTECTION)
UPON SPECIAL
REQUEST

CIVILIAN DISCREET ARMOUR / B4 PROTECTION



PROTECTION LEVEL
B4 Handguns up
to .44 Magnum



MATERIALS USED
21 mm armoured
(curved) glass and
Kevlar armoured
plates



MASS ADDED
200-400 kg



**DRIVER'S WINDOW
OPENING**
Half-way to fully
functional depending
on vehicle



BUILD TIME
2-3 months



TARGET MARKET
Discreet anti-
hijack solution



BODY STYLE
All



CATEGORIES

C1 SINGLE CAB

C2 DOUBLE CAB

C6 SUV

CIVILIAN DISCREET ARMOUR / B6 PROTECTION



KEY FACTS



PROTECTION LEVEL
B6 Assault rifles
up to 7.62x51 mm
including AK47



MATERIALS USED
38 mm armoured
(curved) glass,
armoured steel plates
and composites



MASS ADDED
400-750 kg



**DRIVER'S WINDOW
OPENING**
150 mm



BUILD TIME
3 months



TARGET MARKET
Ultimate discreet
civilian protection



BODY STYLE
Body-on-chassis
vehicles only



FREE
UPGRADE

FULL SUSPENSION
UPGRADE INCLUDED
AS STANDARD



INFORMATION

DRIVER-ASSISTANCE
SYSTEMS REMAIN FULLY
FUNCTIONAL





CATEGORIES

SECURITY DISCREET ARMOUR // B4+ PROTECTION



KEY FACTS



THE SVI AK47 GOLF GTI



PROTECTION LEVEL
B4+ including AK47 assault rifles



MATERIALS USED
26 mm armoured glass, armoured steel plates



MASS ADDED
350 kg



DRIVER'S WINDOW OPENING
One third



BUILD TIME
2-3 months



TARGET MARKET
Rapid response



BODY STYLE
Golf 8 GTI/R



INFORMATION

SECURITY AND PROTECTION

The SVI AK47 Golf GTI is designed as a rapid response vehicle for the security industry to react to crime where AK47 assault rifles are a possible threat. The design was optimised with special materials to keep the mass to a minimum not to affect the speed and handling of the vehicle significantly. This while protecting the occupants against the common 7.62x39 mm assault rifle round.



CATEGORIES

S3 SINGLE CAB



S4 EXTENDED CAB



S5 DOUBLE CAB



SECURITY NON-DISCREET ARMOUR // B6 PROTECTION

SCAN ME



TOYOTA AUTHORIZED PARTNER



SCAN ME



Ford PRO Convertor



KEY FACTS



PROTECTION LEVEL

B6 Assault rifles up to 7.62x51 mm including AK47. Also available in B4+ (AK47 only)



MATERIALS USED

40 mm armoured (flat) glass and armoured steel plates



MASS ADDED

650 kg for a double cab



DRIVER'S WINDOW OPENING

Fixed



INSTALLATION TIME

2 weeks



TARGET MARKET

Security, mining, valuables in transit



BODY STYLE

Body-on-chassis bakkies only



INFORMATION

STOPGUN V2.0 IMPROVEMENTS

No double-door system as armour is in door

Semi-discreet and user friendly

Curtain airbag remains active

STOPGUN V3.0 IMPROVEMENTS

Standard side windows cover armoured glass





CATEGORIES

S6 (APC) ARMoured PERSONNEL CARRIER



S7 VALUABLES IN TRANSIT



S8 GUARDED VALUABLES IN TRANSIT



S9 VALUABLES IN TRANSIT (SIDE ENTRY)



S10 COURIER COMPANY SOLUTION



SECURITY PRODUCTS / CANOPY OPTIONS



KEY FACTS



PROTECTION LEVEL FOR VALUABLES

B6 Assault rifles up to 7.62x51 mm including AK47.

Also available in B4+ (AK47 only)



PROTECTION LEVEL FOR PEOPLE

B4+ (AK47 only), seatbelts



MATERIALS USED

Armoured steel plate, armoured glass or mild steel with anti-cut layer depending on application



MASS ADDED

500 kg depending on spec



BUILD TIME

6 weeks



TARGET MARKET

Security, mining, valuables in transit



BODY STYLE

Mostly single cab bakkies



INFORMATION

Aircon provided for people

Escape hatch provided

Manual or intelligent locking systems available

Bolts straight to the chassis of the vehicle



CATEGORIES

T1 UD KUZER



T2 HINO 500



INFORMATION

UD KUZER

Full cab replacement delivers ultimate B6 protection

Load body design adaptable to various customer needs

Conversion fully approved by UD Trucks Southern Africa

HINO 500

Stopgun V2.0 armouring kit created for Hino 500 Series trucks

Product developed to counter marked increase in truck hijackings

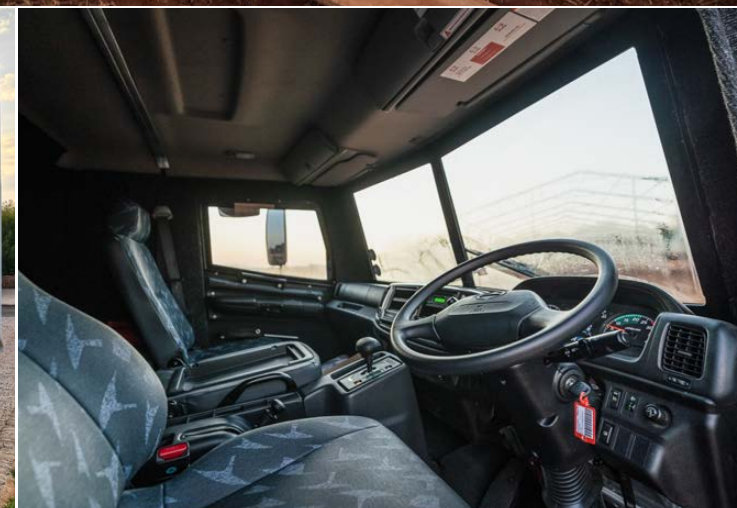
Full underfloor armouring included in B6 protection package

SECURITY NON-DISCREET ARMOUR // B6 PROTECTION

SCAN ME



SVI IS AN APPROVED UD TRUCKS PARTNER



KEY FACTS



PROTECTION LEVEL

B6 Assault rifles up to 7.62x51 mm including AK47



MATERIALS USED

40 mm armoured glass and armoured steel plates



MASS ADDED

around 700 kg (application dependant)



DRIVER'S WINDOW OPENING

Fixed



BUILD TIME

2 months



TARGET MARKET

Valuables in transit

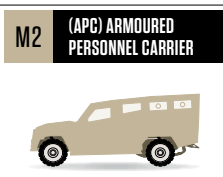
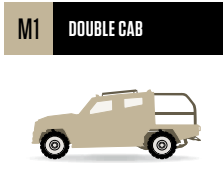


BODY STYLE

UD Kuzer, Hino 500 and Iveco Trakker



CATEGORIES



INFORMATION



Built on the trusted Toyota Land Cruiser 79-series chassis

Proven Toyota powertrain

Upgraded suspension, wheels and tyres to improve go-anywhere ability and ride comfort

Upgradable to B7 and blast protection

Damage resistant against riot-type attacks

Cost effective solution with low running costs

SECURITY MAX 3



POWERTRAIN OPTION 1

Engine: 4.5-litre, 8-cyl, turbodiesel
Power: 151 kW
Torque: 430 Nm
Transmission: 5-speed manual
Top Speed: >140 km/h



POWERTRAIN OPTION 2

Engine: 2.8-litre, 4-cyl, turbodiesel GD6
Power: 150 kW
Torque: 500 Nm
Transmission: 6-speed auto
Top Speed: >140 km/h



KEY FACTS



PROTECTION LEVEL

B6 Assault rifles up to 7.62x51 mm including AK47



MATERIALS USED

40 mm armoured glass and armoured steel plates



MASS ADDED

2 000 kg



DRIVER'S WINDOW OPENING

Fixed



BUILD TIME

2 months



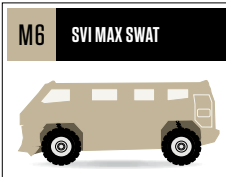
TARGET MARKET

Military, security, mining



CATEGORIES

SECURITY // MAX SWAT



SVI ARMOURING SOLUTIONS



INFORMATION

EN1063 BR6
PROTECTION FOR 12
CREW MEMBERS

AFFORDABLE RELIABILITY

The use of this field-proven Isuzu 4x4 powertrain, along with tough Isuzu axles and suspension components, serves to not only ensure reliability and simplify maintenance but also to boost operational efficiency.

SPECIFICATIONS



Length: 6 781 mm

Width: 2 395 mm
(excluding mirrors)

Height: 2 815 mm

Wheelbase: 3 758 mm

Approach angle: 23°

Departure angle: 31°

Ground clearance:
300 mm

Front Overhang:
1 426 mm

Rear Overhang:
1 597 mm

Tare: 9 900 kg

GVM: 12 000 kg

Payload: 2 100 kg

Maximum gradient:
30° / 60%

Max Speed:
80 km/h legislation,
110 km/h geared

POWERTRAIN SPECIFICATIONS

Engine: Isuzu 7.8-litre, inline six,
turbodiesel

Power: 176 kW @ 2 400 r/min

Torque: 706 Nm @ 1 450 –
2 400 r/min

Transmission: Allison 2500
6-speed auto

Axles: Isuzu heavy duty

Brakes: air over hydraulic dual-
circuit drum brake system with ABS

Suspension: Multi-leaf spring plus
shock absorbers

Wheels: Heavy duty steel

Wheel size: 11R22.5

Tyre Size: 365/85R20

Electronics: 24 V system

BODY

- Monocoque hull
- Overlaps for ballistic protection
- Two standard doors for front cabin access and two large side doors for quick egress and ingress
- Storage bins provided

INTERIOR

- Configurable seating arrangement for up to 12 persons
- Rubber coated
- RTU248 - 8kW AC unit
- Inverter 24/800 - output: 650 W
- USB / charger ports



PROTECTION LEVEL

B6 Assault rifles
up to 7.62x51 mm
including AK47



MATERIALS USED

40 mm armoured
glass and armoured
steel plates



TOTAL MASS

9 900 kg
(12 000 kg GVM)



BUILD TIME

2 months



TARGET MARKET

Security



BODY STYLE

APC





PURPOSE



Become a highly-skilled armoured vehicle driver

Understand the capabilities of your armoured vehicle

Execute advanced driving techniques during hostile situations

Protect lives



TARGET
MARKET



Law enforcement

Security segment

Valuables in transit
industry

Mining



TRAINING
MODULES



Module 2
SASSETA accredited

Five days to cover
5 modules

Option to choose
individual modules

ARMoured VEHICLES // DRIVER TRAINING

Module 1

THEORETICAL ARMoured VEHICLE DYNAMICS

- Dynamic differences between armoured and standard vehicles
- Identifying armouring levels
- Understanding the protection level
- Caring for your armoured vehicle



Module 2

PRACTICAL ADVANCED DRIVER TRAINING

- All training under controlled conditions on racetrack or equivalent
- Armoured vehicle dynamics-reducing driving risk
- Accident-avoidance techniques for armoured vehicles
- Improving driving skills
- Defensive driving techniques when negotiating hazards
- Offensive driving skills in dynamic situations
- Advanced braking techniques in various conditions
- High-speed evasive manoeuvres

Module 3

4x4 TRAINING WITH AN ARMoured VEHICLE

- Understanding of the various 4x4 chassis, suspension, and drivetrain configurations
- Identifying the range of features and capabilities of a 4x4 vehicle
- 4x4 vehicle preparation
- Practical 4x4 training on an off-road course



Module 4

TACTICAL DEPLOYMENT

- Information evaluation to identify possible threats
- How to formulate a route plan in accordance with the transit-risk profile
- Formulation of contingency plans to counter specific and non-specific threats
- Identify concealed hazards/threats
- Neutralising threats by using tactical vehicle movements
- Tactical convoy techniques

Module 5

LEGAL ASPECTS

- How to legally protect oneself and others
- Understand the legal obligation in using force
- Statutory legal requirements and liability of armoured-vehicle drivers
- Road Traffic Act
- Occupational Health and Safety Act





More than 30 vehicles
in the fleet

Pretoria, Durban and
Cape Town based

Available across
South Africa

Short and long-term
rental

Close protection
officer available upon
request



SVI SECURE
RENTAL DIVISION

Our dedicated rental
division offers a wide
range of armoured
vehicles for hire both
in South Africa and
abroad. We have
an array of expertly
armoured vehicles
including discreetly
protected civilian
SUVs, luxury people
movers, security
bakkies and even
military-spec
armoured personnel
carriers.

WHAT IS FLATS OVER™



Flexible, solid rubber ring split in two halves

Cable structure to tighten around rim inside tyre

Forms a tiny "spare wheel" inside each tyre

SECURITY PRODUCTS // WHEEL PROTECTION SYSTEM



FLATS OVER™

SVI™ is an authorised distributor of Flats Over™ run flat tyre safety band system in Southern Africa

TECHNICAL SPECIFICATIONS

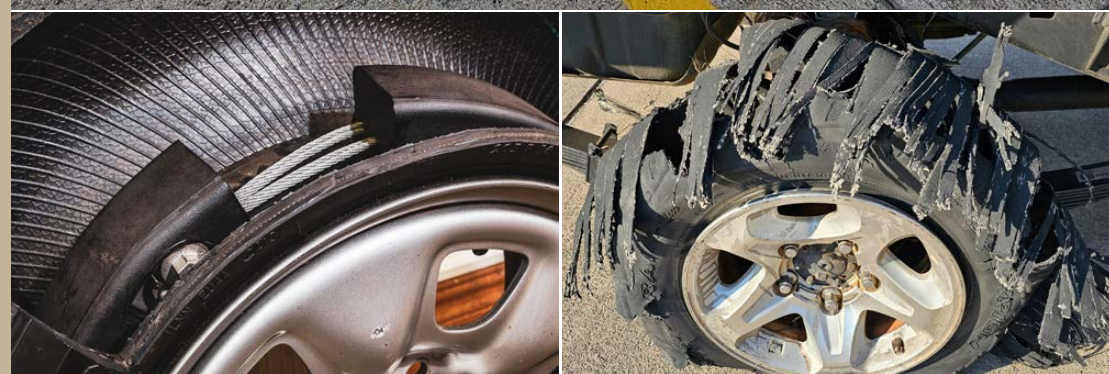
In case of complete tyre deflation, Flats Over™ safety band system supports the full mass of the vehicle:

- Certified to 50 km at 50 km/h
- Recommended top speed: 100 km/h with deflated tyres
- 16 – 23 inch wheel size
- Compatible with tyre-pressure-monitor systems
- Wheels can be fully balanced

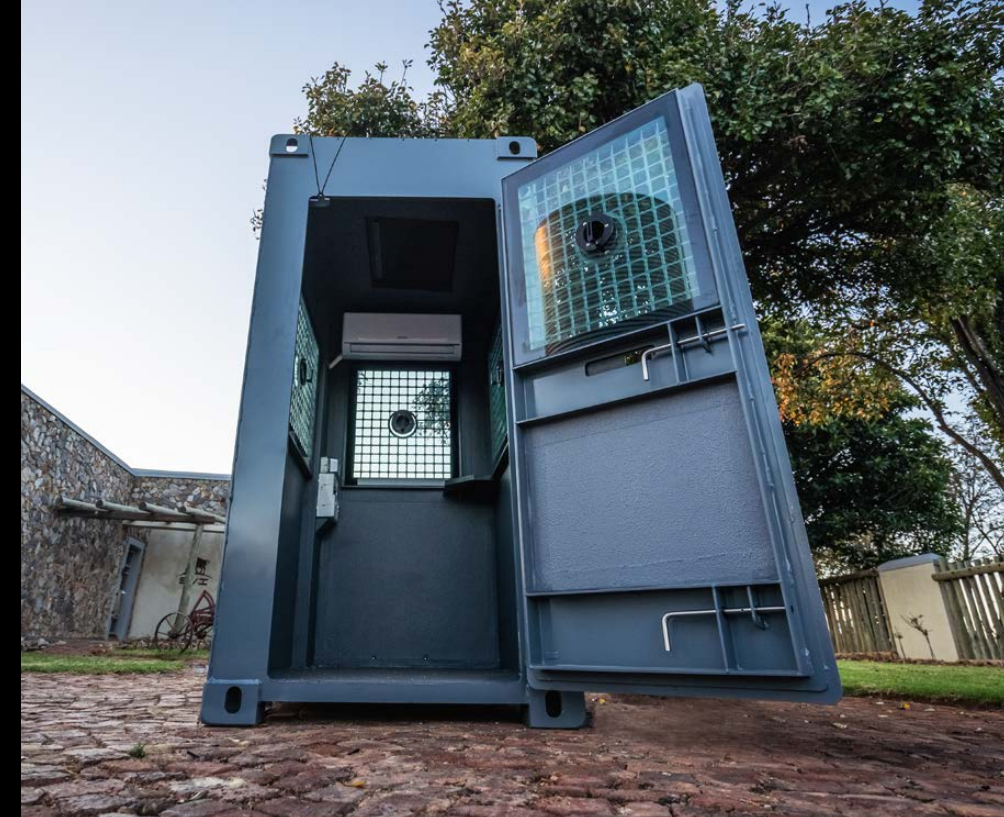


PROTECTION

- Wheel damage during sudden tyre pressure loss
- Ballistic attacks (fully functional after multiple direct gunshots)
- Spikes on the road
- Minimises pot-hole damage
- Full control of vehicle when tyres are deflated
- Traction on driven wheels when tyres are deflated



SECURITY PRODUCTS // ARMoured GUARDHOUSES



INFORMATION

ISO container blocks allow stacking and mounting on towers

Forklift pockets for easy handling

Integrated window grids

Gunports in all windows

Integrated air-conditioning system

Escape hatch on roof

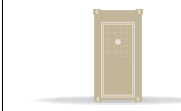
Documentation slot

Double manual interior lock

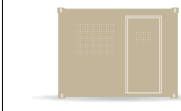


CATEGORIES

G1 GUARD HOUSE 1.2x1.8 m



G2 GUARD HOUSE 2.4x3.0 m



KEY FACTS



PROTECTION LEVEL
B6 Assault rifles up to 7.62x51 mm including AK47



MATERIALS USED
40 mm armoured (flat) glass and armoured steel plates



MASS ADDED
1 651 kg (1.2x1.8 m unit) and 3 845 kg (2.4x3.0 m unit)



BUILD TIME
2 months



TARGET MARKET
Security, mining, estates, building sites

CERTIFICATIONS

VSAG-12

MILLBROOK

Awarded by Millbrook, England

FINABEL



Awarded by TÜV Nord, Germany

CESVI



Awarded by CESVI BRASIL/RCAR, Brazil



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