

ARMOX[®]
PROTECTION PLATE

No Safer Choice



SSAB
OXELÖSUND

ARMOX.

A powerful ally in the management of risk.

ARMOX® protection plate is selected for high performance in today's most dangerous environments—where there's no room for compromise and threats can come from any direction. Tested on the world's battlefields, today ARMOX brings first-rate protection to the civilian market with applications that include security vehicles, mine clearing vehicles, door and wall structures and many more.

As the world's leading producer of protection plate, you can count on SSAB Oxelösund for the support you need every step of the way. We bring a deep understanding of threat levels and ballistics to every project, while assisting you in the selection of grades and thicknesses to achieve the protection you aim for. And we can provide you with knowledge and advice on vital issues such as bending and welding. Take advantage of our unsurpassed experience gained in military and civilian applications worldwide.





Battlefield tested. Uncompromising in today's demanding civilian applications.

ARMOX has been certified by defence ministries around the world and is the preferred protection plate of leading military equipment manufacturers. It is your guarantee of outstanding performance for all types of civilian applications.



SECURITY VEHICLES

Choose ARMOX when personal safety during journeys is of vital importance. In vehicles, it is used as liners in doors, floors and roofs depending on the threat level.

- VIP Cars
- Diplomatic Cars
- Police Cars
- Cash Transport Vehicles
- Trucks



MINE CLEARING VEHICLES

ARMOX is used to protect the cabin and engine against blast fragments as well as snipers. A deflector plate mounted behind the flail provides extremely high protection against blast and fragments and prevents objects from being thrown at the vehicle.

Front and back of ARMOX 500T plate after ballistics testing.





DOOR AND WALL STRUCTURES

ARMOX is the choice for discreet use in high risk environments. Common applications are liner plate to protect walls, doors and windows.

- Government Buildings
- Police Stations
- Embassies
- Banks
- Airports, railway stations
- Storage Premises



BODY ARMOR

Advanced design bomb suit and helmet offering superior ballistic protection. Each suit can be fitted with additional hardened steel anti-blast plates for an increased level of protection.

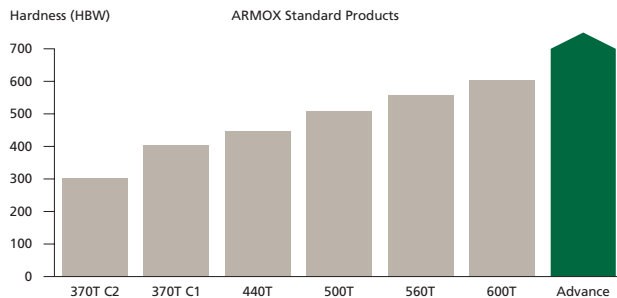


TRUE STOPPING POWER

This test plate of ARMOX 500T with 6.4mm thickness demonstrates the outstanding anti-ballistic performance of ARMOX protection plate. Five rounds of 7.62 x 51mm NATO Ball with impact velocity at 830m/s failed to penetrate the plate. The test was performed in a multi-hit pattern based on an ambush scenario. The distance between shots 4 and 5 is 5mm, which illustrates the excellent multi-hit capability of the ARMOX plate.

The world is constantly changing. We make sure the world of protection keeps up.

The world, just like risk, is constantly evolving. We make sure you're prepared by ensuring a steady flow of innovation. Our commitment to ongoing materials development means ARMOX is continuously setting new standards in performance. Due to outstanding toughness, ARMOX can withstand more damage without back spalling. Its overall strength and toughness means a thinner plate can often be used, allowing significant weight reduction in various applications. Whatever innovative features you're looking for in protection plate, you'll find them first in ARMOX.



Tough on the job, easy in the workshop

In spite of its hardness and strength, ARMOX protection plate is exceptionally workshop friendly. The low carbon content of ARMOX ensures excellent weldability. Cutting may be accomplished by plasma, laser or gas at room temperature in thicknesses of up to 15mm. Drilling can be done using high speed drills with cobalt reinforced centers. ARMOX can be bent without compromising its anti-ballistic properties. No matter how you plan to work with ARMOX, our technical experts are ready with useful advice and support.

ARMOX: born of unrivalled know-how in steel—only from SSAB Oxelösund.

There are many reasons to make SSAB Oxelösund your partner in protection plate. It starts with metallurgical and materials expertise that's unsurpassed in the industry. This has resulted in some of the cleanest steel on the market, a key ingredient in higher toughness. To ensure the highest levels of performance, we subject every product and grade to extensive ballistic testing according to the most stringent international criteria. The result is a higher degree of protection and greater peace of mind for your customers.

Get the ARMOX advantage, only from SSAB Oxelösund.

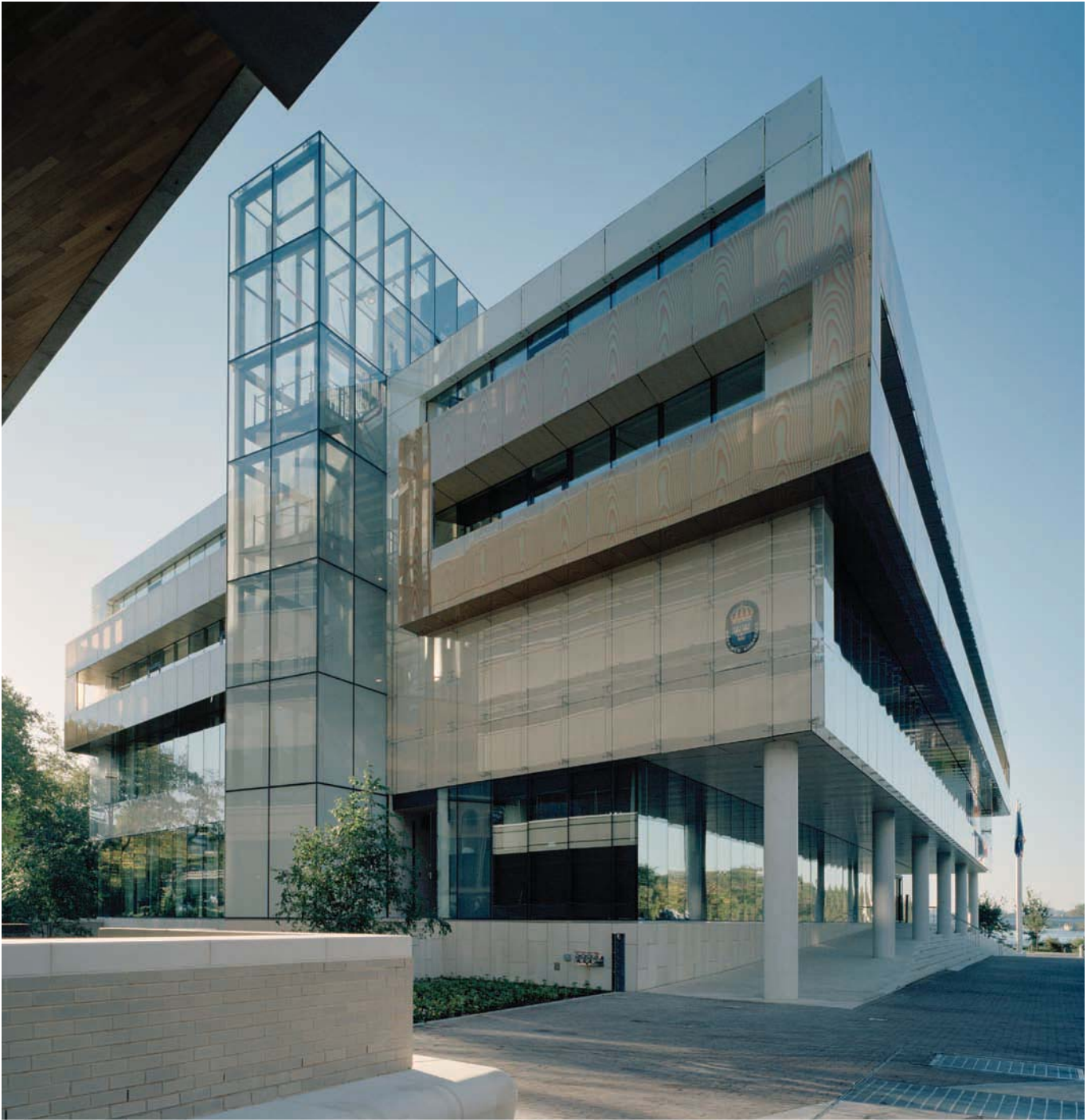
ARMOX[®] PROTECTION PLATE

ARMOX 370T CLASS 2 combines good ballistic properties with excellent toughness. It is suitable for protection against explosion. It can be welded easily and benefits from excellent bendability.

ARMOX 440T represents a new generation in protection particularly against blast. It provides vehicle designers with new ways of increasing protection with lighter weight designs.

ARMOX 500T is the world's toughest protection plate in its hardness range. It can be used for all applications including vehicles and buildings (walls, windows and more). It is very easy to work with and requires no special processing skills.

ARMOX 600T is intended for appliqué armour or where weight is critical. It is particularly suitable for VIP vehicles and security doors.



SSAB Oxelösund – a subsidiary of SSAB Swedish Steel Group – is the world's leading manufacturer of quenched and tempered heavy plate, marketed under the well known brand names of HARDOX® Wear Plate, WELDOX® Structural Steel Plate, ARMOX® Protection Plate and TOOLOX® Prehardened Tool & Machine Steel. The steels are characterised by the combination of high strength and toughness, derived from the clean steel composition and a unique production process.

SSAB Oxelösund focuses exclusively on developing quenched and tempered steels. With a strong local presence in more than 45 countries we provide our customers with high quality steel as well as commercial and technical support.

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