

MILUX AS A COMPANY

Our production facilities are located Finland, Poland and Turkey with good transport connections by sea and road.

The company's operations and the quality are managed utilizing a documented operating system based on the ISO 9001 (quality), ISO 14001 (environment), ISO 3834-2 (welding) and OHSAS 18001 (safety) and the goals set by company management.



ISO 9001
ISO 14001
ISO 3834-2
OHSAS 18001

Miilux®oy

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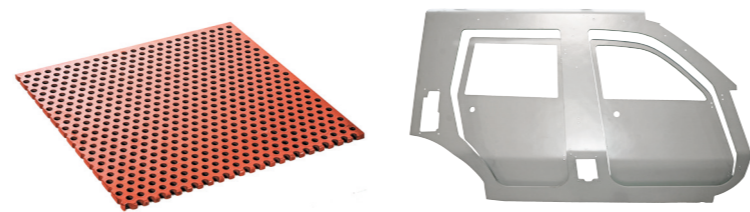
ALL INFORMATION AS TO THE PROPERTIES AND
UTILISATION OF MATERIALS AND PRODUCTS
MENTIONED IN THIS PROCEDURE ARE FOR THE
PURPOSE OF DESCRIPTION ONLY.

MILUX BALLISTIC STEEL CENTRE

Miilux®oy

MILUX POLSKA 05.03.09 / JATIKU JÄTTILÄINEN

WE CAN HELP YOU TO CREATE WORLD CLASS HUMAN PROTECTION SOLUTIONS



ARMOURING SOLUTIONS

High-quality Miilux Protection steels are designed and manufactured for demanding applications like doors, bank counters, money exchange offices, shooting ranges, various types of vehicles and a wide range of other applications in the protection equipment industry.

Miilux produces Protection plates and dimensionally accurate, ready-for-installation Protection components with fast delivery time. Miilux Protection steel plates and components are surface treated – plates over 5.0 mm thickness are normally primed but can also be supplied shot blasted and treated with VCI-386 in the same way as thinner plates.

QUICK DELIVERIES WORLDWIDE

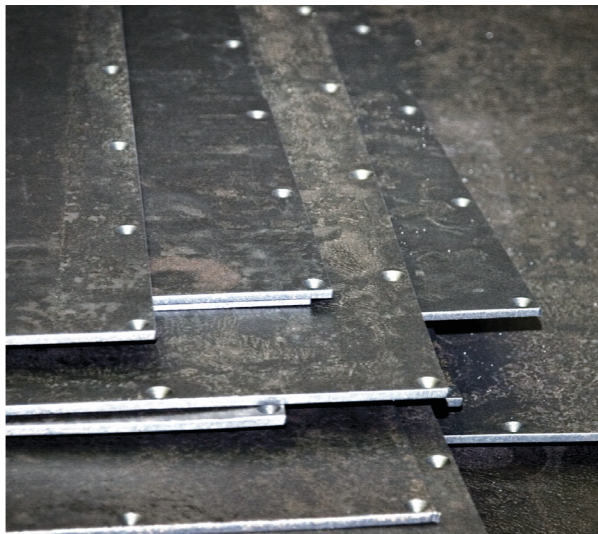
Quick deliveries directly from our warehouses in Finland, Poland and Turkey. For Miilux Protection steel plates 2,5-6,5mm, we have ballistic test results according to class VPAM PM2007 or EN1522 ready for each cast in stock.

Thicker plates are also available with a certain amount directly from stock. We produce components with modern bending equipment, machining, welding and cutting (laser, plasma, water-jet) devices.

MILUX PROTECTION STEELS

Miilux Protection qualities are Miilux Protection 380, 400, 400T, 450, 500 and 600, available in thicknesses 2,5-60 mm, maximum dimensions 2550 x 6150 mm.

Miilux Protection plates have been tested according to EN 1522, VPAM PM2007, MIL 12560/46100 and Stanag 4569 among others. Miilux Oy operates with the defense test laboratories in several countries and is able to arrange delivery-specific tests if needed. Our sales personnel and technical customer service are ready to give you more information on existing test results and possible delivery-specific tests. Miilux can help customer to create world class human protection solutions.



TECHNICAL SPECIFICATIONS OF MILUX® PROTECTION 500 AND 600

| Class acc. to | Norm | Thickness | Thread | Bullet weight | Shooting distance | Speed of the bullet V2,5 (m/s) |
|-----------------------|---------------------|----------------------------|--|-------------------------|----------------------|--|
| Protection 500 | EN1522 FB3 | 2,5 mm | .357 Mag | 10,2 g | 5 m | 430 ± 10 m/s |
| Protection 500 | EN1522 FB4 | 3,0 mm | .44 Rem. Mag | 15,6 g | 5 m | 440 ± 10 m/s |
| Protection 500 | EN1522 FB4+ | 4,2 mm | 7.62 x 39 mm AK-47 M43 | 8,0 g | 10 m | 720 ± 10 m/s |
| Protection 500 | EN1522 FB5 | 6,0 mm | 5.56 x 45 mm SS109 (M855) | 4,0 g | 10 m | 950 ± 10 m/s |
| Protection 500 | EN1522 FB6 | 6,0 mm | 7.62 x 51 mm M80 Nato Ball | 9,5 g | 10 m | 830 ± 10 m/s |
| Protection 500 | EN1522 FB7 | 14,0 mm | 7.62 x 51 mm P80 Nato AP | 9,5 g | 10 m | 820 ± 10 m/s |
| Protection 500 | Stanag 4569 Level 1 | 6,0 mm 6,0 mm 9,0 mm | 7.62 x 51 mm M80 Nato Ball 5.56 x 45 mm SS109 (M855) 5.56 x 45 mm M193 | 9,5 g 4,0 g 3,5 g | 30 m 30 m 30 m | 833 ± 20 m/s 900 ± 20 m/s 937 ± 20 m/s |
| Protection 500 | Stanag 4569 Level 2 | 12,0 mm | 7.62 x 39 mm AK-47 API BZ | 7,7 g | 30 m | 695 ± 20 m/s |
| Protection 500 | Stanag 4569 Level 3 | 24,0 mm 16,0 mm | 7.62 x 54R mm B32 API 7.62 x 51 mm AP (WC) | 8,4 g 10,3 g | 30 m 30 m | 930 ± 20 m/s 854 ± 20 m/s |
| Protection 600 | Stanag 4569 Level 2 | 10,0 mm | 7.62 x 39 mm AK-47 API BZ | 7,7 g | 30 m | 695 +/- 20 m/s |
| Protection 600 | VPAM PM 2007 PM9 | 10,0 mm | 7.62 x 51 mm P80 Nato AP | 9,7 g | 10 m | 820 +/- 10 m/s |
| Protection 600 | Stanag 4569 Level 3 | 20,0 mm | 7.62 x 51 mm AP (WC) | 8,4 g | 30 m | 930 +/- 20 m/s |

Above mentioned test results are according to EN 1522 and Stanag 4569, but we have tested also other classes e.g. MIL-standards. Ask for more information about delivery-specific tests from technical customer service and sales.

