



**Steel products for human protection**

**Perforated Miilux® Protection 500**

Ballistic steel used for add-on armor applications. For a same level of protection, Perforated Miilux Protection 500 is a weight solution equivalent to weight composit solution with a better multi-hit capability and easier possibility to integration.

**Delivery condition**

Water quenched

**Perforated Miilux Protection 500**

May not be heated above 200°C in order to maintain the guaranteed hardness.

**DIMENSIONS**

**Perforated Miilux Protection 500** is supplied in plate thicknesses 3 – 12 mm. Width maximum 1500 mm, length maximum 6100 mm. With an edge none perforated (< 50 mm) all around the plate.

**Perforated Miilux Protection 500** products can be delivered also as ready installed components according to the customer's requirements.

**Availability and leading time**

Due to an own product warehouse, Miilux can offer the deliveries to the customers on an extremely short delivery time.

**Examples of usual configurations of holes are given below, but others can be provided.**

Thickness	Configuration	Hardness Range HBW
4 mm	R 5 T 8	480 – 550  R = diameter of hole in mm T = distance between hole center
6 mm	R 6 T 10	
8 mm	R 8 T 13 R 10 T 15	
10 mm	R 10 T 16 R 10 T 18	
12 mm	R 12 T 18	

**Chemical composition content % maximum (ladle analysis)**

C	Si	Mn	P	S	Cr	Ni	Mo	B
0,30	0,70	1,70	0,030	0,015	1,50	0,80	0,50	0,004