



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 composite 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