



Plasitor®

Woven mesh

The Plasitor fencing system consisting of a woven wire diamond pattern mesh retains its shape and is at the same time elastic.

Product detail



BENEFITS

Retains shape and elasticity

Plasitor has solid core wires by which the shape of the fence is maintained. This results in a flexible installation. The elasticity is provided by the interwoven wires.

Long lifetime

Betafence's coating technology is state of the art and guarantees an extra high longevity. After galvanising the wire is given an extra protection coating of durable PVC.

Support for climbing plants

Plasitor can be installed with a top rail which makes it ideal for climbing vegetation. Appropriate posts sizes are required to support the extra weight.

Security level



Applications



Functionalities



Mesh

Made out of hard steel wire with single torsion. The mesh has a diamond pattern. Edges at top and bottom are folded and hooked onto each other. Type 50/3,70: one side folded and one side barbed. Length of rolls: 25 m.

Mesh dimension	Wire diameter	Tensile strength
45 x 45 mm	3,50 mm*	450 - 750 N/mm ²
50 x 50 mm	3,00 mm	550 - 800 N/mm ²
50 x 50 mm	3,70 mm	450 - 700 N/mm ²
50 x 50 mm	4,50 mm**	400 - 550 N/mm ²

* H = 3 m and 4 m

** L = 12,50 m

Posts

Welded tubular round posts

Tensile strength of the steel: 340 à 510 N/mm², according to EN 10325-2. The tension- and intermediate posts are completed with a wire holder at 40 mm from the top of the post.

The posts in height 3100 mm and higher have a wire holder every 495 mm. The wire holder is made out of a polyamide reinforced with glass fibre and supplied with a stainless steel staple.

The posts are completed with a plastic cap.

For vegetation the distance between the posts and the diameter of the posts has to be adapted to carry the additional weight.

Fixation



- Line & binding wires
- Tension collets
- Wire tensioners
- Tension bars
- Top rails
- Bent arms
- Coated barbed wires

Gates

The Plasitor system can be completed with the Fortinet, Egidia and Robusta gates.

Coating technique



The steel wires are galvanised and then plastic coated.

The posts are galvanised inside & out (min. coating 275 g/m², both sides together), in accordance with Euro standard EN 10346. Afterwards an adhesion coating is applied and finally the posts are plastic coated (min. 60 micron).

Colours

Fence: green BF 6073, Type 50/3,00: also black BF 3090

Posts: green RAL 6005, some types black RAL 9005

ASSORTMENT PLASITOR SYSTEM

Total height fence			Dimensions posts								
Total height mm	Assembled Height		Round straining posts			Round brace posts			Round intermediate posts		
	Mesh mm	Barbed wire mm	Length mm	Ø mm	Thickness steel mm	Length mm	Ø mm	Thickness steel mm	Length mm	Ø mm	Thickness steel mm
1000	1000	-	1500	38	1,25	1500	38	1,5	1500	38	1,25
1250	1250	-	1750	48	1,25	1750	38	1,5	1750	38	1,25
1500	1500	-	2200	60	2	2200	38	1,5	2100	48	1,5
1800	1800	-	2500	60	2	2500	38	1,5	2400	48	1,5
2000	2000	-	2700	60	2	2700	38	1,5	2600	48	1,5
2500	2000	-	3250	60	2	3000	38	1,5	3100	48	1,5
3000	3000	-	3750	60	2	3500	48	1,5	3750	48	1,5
4000	4000	-	4750	60	2	4750	48	1,5	4750	48	1,5
With top rail											
1500	1500	-	2200	60	2	-	-	-	2100	48	1,25
1800	1800	-	2500	60	2	-	-	-	2400	48	1,5
2000	2000	-	2700	60	2	-	-	-	2600	48	1,5
2500	2500	-	3250*	60	2	-	-	-	3100*	48	1,5
With one row of barbed wire											
1600	1500	100	2200	60	2	2200	38	1,5	2100	48	1,25
1900	1800	100	2500	60	2	2700	38	1,5	2600	48	1,5
2100	2000	100	2700	60	2	2700	38	1,5	2600	48	1,5
2600	2500	100	3250*	60	2	3000	38	1,5	3100*	48	1,5
With bent arm											
2300	2000	300	3250*	60	2	3000	38	1,5	3100*	48	1,5

(*) posts with drillings for wire holders every 495 mm.

