



Woven & knotted mesh

The Plasitor system is a fencing system that retains its shape and is at the same time elastic.

It consists of a woven wire diamond pattern mesh and has an efficient and easy method of installing.

Plasitor®

BENEFITS

Retains shape and elasticity

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

Long lifetime

The coating technology of Betafence 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 the ideal fencing for covering with vegetation. Appropriate size of posts is indicated.

Applications

- Garden and court yards
- Playgrounds
- Sport fields and tennis courts
- Factories and workshops



Mesh

Made out of hard steel wire with simple torsion. The mesh has a diamond pattern. Edges are knuckled at both sides.

Type 50/3,70: one side knuckled and one side barbed. Length of rolls: 25 m.

Mesh dimension	Wire diameter	Tensile strength
45 mm	2,70 mm	650 - 850 N/mm ²
50 mm	3,00 mm	650 - 850 N/mm ²
50 mm	3,70 mm*	650 - 850 N/mm ²
50 mm	4,50 mm**	400 - 600 N/mm ²

* H = 4m / L = 18,50 m ** L = 12,50 m

Posts (p 84)

Welded tubular round posts.

Tensile strength of the steel: 320 à 510 N/mm², according to EN 10326.

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 the situation.

Fixation



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

Gates

The Plasitor system is completed by a range of high technology gates type Fortinet or Robusta: single and double swing- and sliding gates.



Coating technique

The steel wires are galvanised and then plastic coated. The posts are in- and outside galvanised (min. coating 275 g/m², both sides together), in accordance with Euro norm 10326. Afterwards an adhesion coating is applied and finally the posts are plastic coated (min. 60 micron).

Colours (p 116)

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

Posts: green RAL 6005, some types black RAL 9005

ASSORTMENT PLASITOR SYSTEM

Total height fence			Dimensions posts								
Assembled Height			Round straining posts			Round brace posts			Round intermediate posts		
Total height mm	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
1250	1250		1750	48	1,25	1750	38	1,50	1750	38	1,25
1500	1500		2200	60	2,00	2200	38	1,50	2100	48	1,50
1800	1800		2500	60	2,00	2700	38	1,50	2400	48	1,50
2000	2000		2700	60	2,00	2700	38	1,50	2600	48	1,50
2500	2500		3250*	60	2,00	3000	38	1,50	3100*	48	1,50
3000	3000		3750*	76	2,00	4000	48	1,50	3750*	60	2,00
4000	4000		4750*	76	2,00	4750	48	1,50	4750*	60	2,00
With top rail											
1500	1500		2200	60	2,00				2100	48	1,50
1800	1800		2500	60	2,00				2400	48	1,50
2000	2000		2700	60	2,00				2600	48	1,50
2500	2500		3250*	60	2,00				3100*	48	1,50
With one row of barbed wire											
1600	1500	100	2200	60	2,00	2200	38	1,50	2100	48	1,50
1900	1800	100	2500	60	2,00	2700	38	1,50	2600	48	1,50
2100	2000	100	2700	60	2,00	2700	38	1,50	2600	48	1,50
2600	2500	100	3250*	60	2,00	3000	38	1,50	3100*	48	1,50
With bent arm											
2300	2000	300	3250*	60	2,00	3000	38	1,50	3100*	48	1,50
2800	2500	300	3600*	60	2,00	3500	48	1,50	3600*	48	1,50

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

