



# Pantanet® Essential & Light

The Pantanet Essential & Light system are welded, galvanised and plastic coated fences on rolls, designed for optimal price-quality ratio.



## Benefits

### Aesthetic and discreet

The fence is available in Green. The Pantanet Essential range is also available in Metallic Anthracite.

### High longevity

The wire is plastic coated with maximum adhesion. The metal posts are galvanised inside and outside, passivated and plastic coated, and supplied complete with top caps.

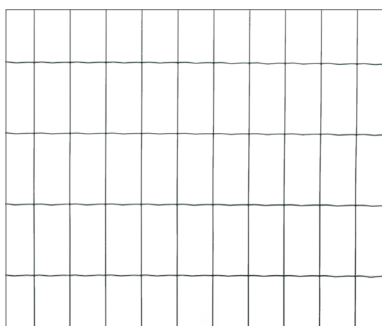
### Quick and professional installation

Bekaclip posts with strips guarantee a quick professional installation with an optimal tensioned mesh.

### Complete system

Pantanet system is a complete system with a wide range of roll heights, posts and a wide assortment of swing gates.

## Product detail

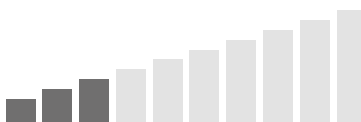


## Functionalities



## Security level

(when compared to other **roll** options)



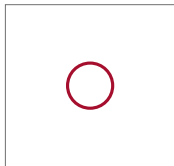
## Post and fixing systems

(post shape illustrated below)



### Bekaclip®

Metal posts **Ø48 or 60mm**, with fixing strip for easy rolls installation fixed to the post with stainless steel fixators. Plastic cap on top of the post. This assortment is completed with a round brace post for efficient installation. No stretcher or tension wires are needed for installation with Bekaclip post. DIY installation is available with polyamide clips instead of stainless steel fixators. A specific tong is recommended as well as a tension comb for perfect installation.



### Round posts

Metal posts **Ø38 to 60mm**, with one wire holder on top is an alternative solution. Round brace posts are compatible. You'll need tension wire, attach wire and stretcher to complete your installation.

- For more information on the above posts, please refer to the relevant product page or flyer

## Installation



Visit the Betafence YouTube channel to watch the **Bekaclip & Pantanet installation** video



Visit the Betafence YouTube channel to watch the **Round post & Pantanet installation** video

## Rolls

Welded mesh rolls, plastic coated. The horizontal wires show a crimp at every mesh. At 25.4mm from the top, the mesh is reinforced with a second selvage wire (only Pantanet Essential).

## Coating technique



A PVC coating free of cadmium is fused and adhered to a primer that is cured onto the galvanised core wire, thus achieving an excellent bond between wire and PVC. PVC coating is in accordance with EN 10245-2, Class B.

## Colours

- Essential: Green BF 6073 and Metallic Anthracite BF 7016 M.
- Light: Green BF 6073.

## Gates

The Pantanet system can be completed with the Egidia and Robusta swing and sliding gates.

### Pantanet® Essential & Light specifications

| Type               | Mesh dimensions (mm) | Diameter of wire |               | Tensile strength of wire      |                               |
|--------------------|----------------------|------------------|---------------|-------------------------------|-------------------------------|
|                    |                      | Horizontal (mm)  | Vertical (mm) | Horizontal                    | Vertical                      |
| Pantanet Essential | 101.60 x 50.80       | 2.1              | 2.2           | minimum 400 N/mm <sup>2</sup> | minimum 650 N/mm <sup>2</sup> |
| Pantanet Light     | 101.60 x 76.20       | 2.1              | 2.1           | minimum 400 N/mm <sup>2</sup> | minimum 700 N/mm <sup>2</sup> |

Pantanet Essential is also available in Anthracite 7016 for some heights

### Pantanet® Essential & Light system range

| Total height (mm) |       | Fence (mm) |       | Straining Bekaclip posts |               |                            | Round brace posts |               |                            | Intermediate Bekaclip posts |               |                            |
|-------------------|-------|------------|-------|--------------------------|---------------|----------------------------|-------------------|---------------|----------------------------|-----------------------------|---------------|----------------------------|
| Essential         | Light | Essential  | Light | Length (mm)              | Diameter (mm) | Thickness steel plate (mm) | Length (mm)       | Diameter (mm) | Thickness steel plate (mm) | Length (mm)                 | Diameter (mm) | Thickness steel plate (mm) |
| 610               | 600   | 610        | 600   | 1100                     | 48            | 1.2                        | 1500              | 38            | 1.25                       | 1100                        | 48            | 1.2                        |
| 810               | 800   | 810        | 800   | 1100                     | 48            | 1.2                        | 1500              | 38            | 1.25                       | 1100                        | 48            | 1.2                        |
| 1020*             | 1000  | 1020*      | 1000  | 1500                     | 48            | 1.2                        | 1500              | 38            | 1.25                       | 1500                        | 48            | 1.2                        |
| 1220*             | 1200  | 1220*      | 1200  | 1700                     | 48            | 1.2                        | 1750              | 38            | 1.25                       | 1700                        | 48            | 1.2                        |
| 1520*             | 1500  | 1520*      | 1500  | 2000                     | 48            | 1.2                        | 2200              | 38            | 1.5                        | 2000                        | 48            | 1.2                        |
| 1830              | -     | 1830       | -     | 2500                     | 60            | 2                          | 2700              | 38            | 1.5                        | 2300                        | 48            | 1.5                        |
| 2030              | -     | 2030       | -     | 2700                     | 60            | 2                          | 2700              | 38            | 1.5                        | 2500                        | 48            | 1.5                        |

Length of rolls: 25m, for some types also 10m

\* Also available in Metallic Anthracite BF 7016 M

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