

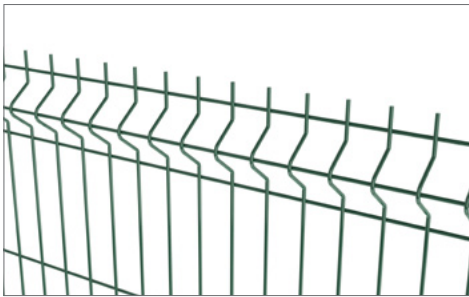


Nylofor® 3D+

Panels

The Nylofor 3D+ panel sets a new standard in the fencing market. With a unique coating, it offers excellent corrosion protection less than 3 km from the coast.

Product detail



BENEFITS

High rigidity

The panels, made of rectangular mesh welded mesh, are provided with horizontal reinforcements in the form of pleats that guarantee maximum rigidity.

Complete system

The system includes panels of several heights and is compatible with 5 different models of posts. It is complemented by a wide range of swivel and sliding gates.

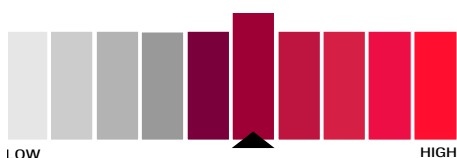
Long Lifetime

The technology developed by Betafence for coatings ensures optimal longevity. An adhesion layer is applied after galvanizing to ensure full adhesion of the polyester layer

Speed of installation

All elements of the fence are designed and developed to allow a fast, professional quality installation.

Security level



Applications



Functionalities



Post and fixing systems



Nylofor-Twilfix square posts

The panels attach to the front part of the posts using fasteners and safety bolts. The welded, square-shaped tubular posts (60 x 60 mm) have inserts for fixing the panels and are equipped with a plastic cap.



Bekafix posts

The panels are attached to the side of the posts using polyamide or metal fastening clips (safety clips). The welded tubular posts have an "H" shape (70 x 44 mm) and have a plastic cap with hook.



Bekafix Ultra posts

For medium or high security applications, we recommend Bekafix Ultra poles. The poles have the same shape and dimensions as the Bekafix poles but are made from higher steel with better strength.



Poles without accessories, Izifix

Lateral attachment of Nylofor 3D panels to Izifix notched post. The panels are perfectly held in the foliage of the pole thanks to inguets. Izifix poles (75 x 50 mm) are delivered with a cap.



UniLox Posts

The panels are attached to the side of the posts using polyamide or metal fastening clips (safety clips), depending on the type of installation and the panel. The poles have an "H" shape (70x64mm /70x44mm) and are equipped with a plastic cap.

Panels

The panels have a width of 2500 mm and are available in several heights: from 630 mm to 2430 mm.

The panels are provided with 30 mm pins on one side only and are reversible (pins turned up or down).

The meshes are 200 x 50 mm and 100 x 50 mm at the folds. The thick wires, with a diameter of 5 mm, guarantee high rigidity.

Gates

The Nylofor 3D system is complete when it matches the Robusta or Egidia swivel gates, and with the Robusta sliding rail and freestanding gates.

Coating



Our panels are made from galvanized wires, then plasticized with polyester after application of an adhesion layer.

Minimum thickness of the laminating layer 140 microns.

The columns are made of welded tubes, galvanized inside and outside (minimum layer thickness 275 g/m² – 2 sides combined) according to European standard 10346. Then apply an adhesion layer and finally a layer of polyester (min. thickness). 60 microns). Bekafix Ultra poles are galvanized Magnelis interior and exterior (zinc-aluminum-magnesium alloy) (min.310 g/m², both sides combined) and coated with polyester (min.100 microns).

Colours

Green RAL 6005 - Black RAL 9005 - Grey RAL 7016 - White RAL 9010

Other colours : on request.

ASSORTMENT NYLOFOR 3D+

Fence height mm	Dimensions of panels L x H in mm	Number of curves per panel	Length of posts to be sealed* in mm
630	2500 x 630	2	1000
830	2500x830	2	1500
1030	2500 x 1030	2	1500
1230	2500 x 1230	2	1800
1530	2500 x 1530	3	2100
1730	2500 x 1730	3	2400
1930	2500 x 1930	3	2500
2030	2500 x 2030	4	2700
2430	2500 x 2430	4	3100

* Recommended lengths for sealing posts

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Nylofor® 3D Extreme

Panels

The Nylofor 3D system is the reference perimeter protection on the market. This complete fencing system provides protection with style. The Nylofor 3D Extreme panel includes an enhanced corrosion resistance allowing it to be installed in the most corrosive environments, and still be covered by our 10 Year Guarantee.

Product detail



BENEFITS

Rigidity

Nylofor 3D panels with rectangular meshes, heavy wires and horizontal curves guarantee a very high level of rigidity.

Complete System

The system consists of panels in various heights supported by 5 types of posts, each with a specific fixing system. All types are available with adapted accessories and a wide range of swing and sliding gates.

Long Lifetime

Betafence's Zinc Aluminium galvanised wires in combination with an advanced polyester coating technology ensure an extra long life, even in corrosive environments. An additional layer is applied after galvanisation in order to ensure the optimal adhesion of the polyester coating.

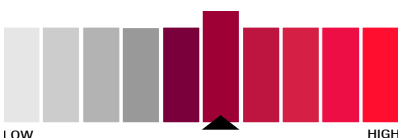
Efficient and Fast Installation

All Nylofor 3D components are developed to provide a professional system that can be installed easy and quickly.

10 Years Guarantee

The Nylofor 3D Extreme range is protected by our Betafence 10 Year Guarantee - even in corrosive or harsh environments.

Security level



Applications



Functionalities

Post and fixing systems



Nylofor - Twilfix post system

The panels are fixed on the front side of the posts by means of fixators and security bolts. The welded square tubular posts (60 x 60 mm) have inserts for fixing the panels and are covered with a plastic cap. For installation higher than 2.40 m, post section can be 80x60 or 120x60



Bekafix and Bekafix Ultra post system

The panels are fixed laterally onto the posts and secured with anti-vandal metal security fixators. The H-shape welded tubular posts (70 x 44 mm), are galvanised, PES coated and supplied with a polyamide cap and accessories.



Izifix post system

Lateral fixing of the Nylofor 3D panels in the Izifix post, without accessories. Perfect fixing of the curves of the panel in the post profile. The Izifix posts (75 x 50 mm + slots every 100 mm) are covered with a plastic cap.



E-LOX post system

E-LOX posts (60 x 40 mm) are typical for endless installation. They are covered on top with a hard plastic cap.

Panels

The panels are 2500 mm wide and from 630 to 2430 mm high. The panels have vertical barbs of 30 mm on one side and are reversible (barbs at top or at bottom). Mesh sizes are 200 x 50 mm, and 100 x 50 mm for the beam sections. The heavy wires, with a diameter of 5 mm guarantee a high level of rigidity.

Gates

The Nylofor 3D Extreme is a complete system which can be combined with a full assortment of Swing, Sliding and Speed Folding gates.

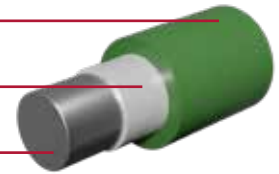
Coating Technique

Nylofor 3D Extreme panels are manufactured from high grade steel wire. This wire is galvanised with a Zinc Aluminium layer to provide a high level of corrosion protection. This is then coated with polyester to maintain an excellent adhesion to the wire. This layering provides a high level of resistance to stress cracking, extreme weather and airborne salt in coastal areas.

Polyester coating
minimum 150 micron

Zinc + Aluminium
galvanisation layer
275 gram/square meter

Steel wire



Colours

Nylofor 3D Extreme is available from stock in Green RAL 6005 and Grey RAL 7016. All other RAL colours are available on request.

NYLOFOR 3D EXTREME RANGE

Fence height mm	Panels width x height mm	Number of curves per panel
630	2500 x 630	2
830	2500 x 830	2
1030	2500 x 1030	2
1230	2500 x 1230	2
1530	2500 x 1530	3
1730	2500 x 1730	3
1930	2500 x 1930	3
2030	2500 x 2030	4
2430	2500 x 2430	4

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