



Panels

The elevatable fence is a patented modular fencing system, suitable for separating the playground from the spectators in sport stadiums.

Elevatable fence

Benefits

System for sports stadium in compliance with the new regulations

Patent Pending n.VR2012A000158

The fence meets the following regulations: Ministerial Decree n. 61 18th March 1996, UNI 10121 part 1 and part 2 June 1992, UNI EN 13200-3, Ministerial Decree 06/06/2005 (Pisanu Law).

Respects in particular the following loads:

- 200 kg/m horizontal load at m 1,1 from the floor.
- 121 kg/m horizontal load at m 2,2, from the floor.
- 80 kg/m² uniformly distributed load over the entire surface of the fence.

Long lifetime

The elevatable fence system made of Nylofor® 2D Super panels and tubular posts has a high longevity resulting from high quality coating.

Multifunctionality

It can be used in two different ways: a minimum fence height of 1200 mm has the function to demarcate the playing field; if lifted up to 2200 mm it responds perfectly to dissuasion needs.

Applications

- Sports stadiums



Fixed element (lower part)

- **Panels:**
 - Welded panels, galvanized and polyester coated.
 - Panels are welded on the frame element
 - Panel height: 1200 mm.
 - Panel width: 2500 mm.
- **Mesh:** 200 x 50 mm.
- **Wires:**
 - Ø horizontal wires: 2 x 8.00 mm.
 - Ø vertical wires: 6,00 mm.
- **Vertical profiles:**
 - 2 vertical posts: height 1250 mm.
 - Galvanized and polyester coated: Green RAL 6005.
- **Horizontal profiles:**
 - 1 upper horizontal post: length 2660 mm.
 - Galvanized and polyester coated: Green RAL 6005.

Installation

For greater flexibility in installation, the posts of the new elevatable fence are provided with anchor bolts on the welded base plate. The external dimension of a module is 2592 mm.

Elevatable system

New mechanical device for easy lifting the movable element.

Movable element (upper part)

- **Panels:**
 - Welded panels, galvanized and polyester coated.
 - Panels are welded on the frame element
 - Panel height: 1000 mm.
 - Panel width: 2500 mm.
- **Mesh:** 200 x 50 mm.
- **Wires:**
 - Ø horizontal wires: 2 x 8.00 mm.
 - Ø vertical wires: 6,00 mm.
- **Vertical profiles:**
 - 2 vertical posts: height 1100 mm.
 - Galvanized and polyester coated: Green RAL 6005.
- **Horizontal profiles:**
 - 1 upper horizontal post: length 2660 mm.
 - Galvanized and polyester coated: Green RAL 6005.
 - 1 lower horizontal post: length 2660 mm.
 - Galvanized and polyester coated: Green RAL 6005.

Coating technique

Panels made out of galvanised wires. A pre-treatment process guarantees a perfect PES-coating adhesion to the product surface. The posts are in- and outside galvanised (min. coating 275g/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

The panels is available in green RAL 6005. Other colours available on request.

