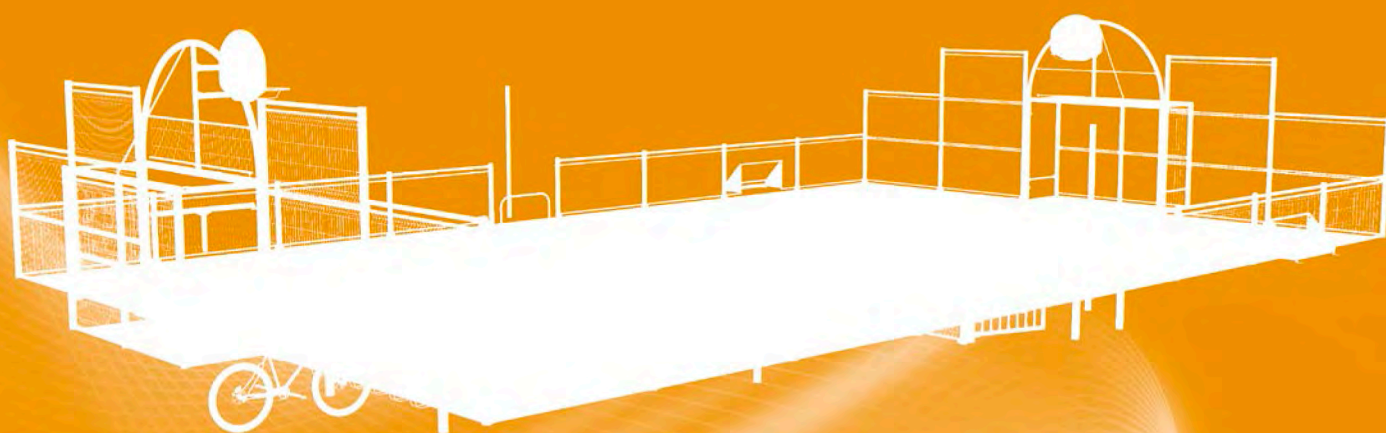


Multi-sports Pitch

Campos
Multidesportivos



Multi-sports Pitch

Hérouville Model

Conforms to standard NF EN 15312
of May 2007 and the Sport Code

Main details of the standard structure:

- Ø 102 mm galvanized steel posts
- Anticorrosion treatment of the frame and grids.
- Fully plasticized structure.
- Galvanized wire fences Ø 8 mm, mesh 242 x 53mm reinforced by welded tubes 30 x 30mm. Fences attach to the posts with plastic-coated aluminium flanges, tamperproof stainless steel screws and anti-noise system.
- Entrance in the pitch by the goals and the center of the pitch.

Details of the structure:

- **2 multisport pediments 3 meters high:** 3x2 m goals with Ø102 mm posts for playing football, handball and basketball are integrated in the pediments. The grids on the bottom of goals are attached with flat welded to the center post. Anti-cycle barrier in the goal prevents access of the 2 wheels in the field. A removable barrier allows wheelchair users to enter into the field. 0.60 overhang basketball goals are equipped with basketball boards and reinforced regulation hoops that attach directly to the structure.
- **2 side fencings height 1.10 meters, Ø 102 mm posts and Ø 60 mm rails.** A pair of Ø 90 mm multipurpose posts adapted for different game heights (volley, badminton, tennis) is integrated in the side fencing (net available as an option).

We make the multisports pitch of your choice!

Our teams draw the field according to your dimensions, the choice of options, colors chosen...

Choice between 16 RAL:

RAL 1023	RAL 6019
RAL 3000	RAL 6029
RAL 3003	RAL 7005
RAL 5002	RAL 7016
RAL 5012	RAL 7036
RAL 5015	RAL 9005
RAL 5017	RAL 9010
RAL 6005	GRIS ALU



Advice:

In very aggressive or corrosive environments or by the sea, we recommend treating fences with hot galvanization or corrosion protection + plastic coating.



Roof net



Heighters



Straight sit-stand bench



Curved sit-stand bench



Anti cycle barrier



Bike racks



1 door gateway



2 doors gateway



Brazilian goal



Access for reduced mobility persons

Options:

- The heightens: ball stop, roof netting
- People with reduced mobility (PMR) passage
- 1 or 2 doors gateway
- Brazilian goals
- Anti-cycle barriers
- Additionnal basket goal in the back or at the side
- Site-stand bench
- Bike racks

Examples of installations:



Multi-sports Pitch

Boreal Model

Conforms to standard NF EN 15312
of May 2007 and the Sport Code

Main details of the standard structure:

- Ø 102 mm galvanized steel posts
- Anticorrosion treatment of the frame.
- Fully plasticized structure
- Pine wood autoclave (class4), or 100% recycled and recyclable plastic panels reinforced with extruded aluminium bracket.
- Fences attach to the posts with plastic-coated aluminium flanges, tamperproof stainless steel screws and anti-noise system.
- Entrance in the pitch by the goals.

Details of the structure:

- **2 multisport pediments 3 meters high:**
3x2 m goals with Ø102 mm posts for playing football, handball and basketball are integrated in the pediments. The grids on the side of goals are attached to the posts with plasticized aluminium flanges. The grids on the bottom of goals are attached with flat welded to the center post. Anti-cycle barrier prevents access of the 2 wheels in the field. A removable barrier allows wheelchair users to enter into the field. 0.60 overhang **basketball goals** are equipped with basketball boards and reinforced regulation hoops that attach directly to the structure.
- **2 side fencings height 1.10 meters, Ø 102 mm posts and Ø 60 mm rails.**
A pair of Ø 90 mm multipurpose posts with adjustment system for different game heights (volley, badminton, tennis) is integrated in the side fencing (net available as an option).

We make the multisports pitch of your choice!

Our teams draw the field according to your dimensions, the choice of options, colors chosen...

Choice between 16 RAL:

RAL 1023	RAL 6019
RAL 3000	RAL 6029
RAL 3003	RAL 7005
RAL 5002	RAL 7016
RAL 5012	RAL 7036
RAL 5015	RAL 9005
RAL 5017	RAL 9010
RAL 6005	GRIS ALU



Additional basketball goal



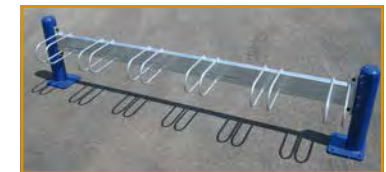
Roof net



Straight sit-stand bench



Curved sit-stand bench



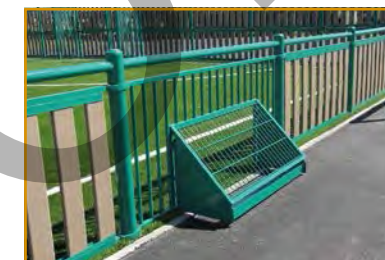
Bike racks



1 door gateway



Access for reduced mobility persons



Brazilian goal

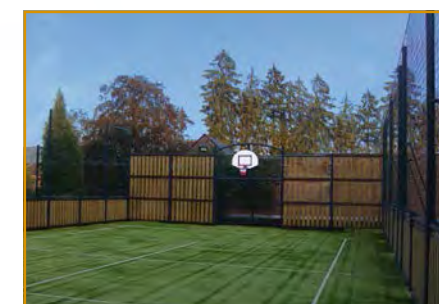


Standard sit-stand bench

Options:

- The heights: ball stop, roof netting
- People with reduced mobility (PMR) passage
- 1 or 2 doors gateway
- Brazilian goal
- Anti-cycle barriers in the side fencing
- Additional basketball goal in the back or at the side
- Site-stand bench
- Bike racks

Examples of installations:



Goals and Pediments

Multi-sports

▲ Presentation

These facilities have an attractive, sturdy and modular construction. They are great places to meet friends and perfect for local school sports events and recreation. They conform to the Sport Code and are sold by the unit.

The goals and pediments come in all shapes and sizes, from the football/handball goal right up to the 11.40m pediments. The models differ depending on the type of filling and sealing chosen.

Range specifications:

■ Football/handball goal:

- Dimensions: 3 x 2 m.
- Structure: plastic-coated galvanized steel Ø102 mm tube.
- Assembly with moulded aluminium connectors.
- Choice of filling: bars panel, fence or net
- Tamper-proof screws and noise reduction system.

■ Basketball goal:

- Overhang of 0.60 m.
- Hoop height 3.05 m or 2.60 m (adjustable only during assembly).
- Hoop attaches directly to the frame no force exerted on the board.
- Polyester board 1.120 x 775 mm, reinforced hoop and net.

■ Multi-sports pediments module:

- Fence modules 2.18 m wide by 2.85 m high, wire Ø 8 mm, mesh 242 x 53 reinforced by 30 x 30 mm welded tubes. Fences attach to the posts with plastic-coated aluminium flanges, stainless steel screws.
- 2 modules for «Le Val», and 4 modules for «Le Bois».

Available with sleeve installation and mounting plate (page 20).
Standard color: white RAL 9010.
Other colors on request (see RAL page 14 or 16).

Conforms to standard NF EN 15312
of May 2007 and the Sport Code



Le Grand Parc



Le Grande Delle



Le Val



Le Bois

Goals and Pediments

Multi-sports

▲ 4 types of goal material: bars, fence, net or vandal-proof net.

■ Bars panel:

New

The bars panels are made of Ø 26mm tube, reinforced by 30x30 mm tubes on the lower and upper part.
Fences attach to the posts with welded plates, stainless steel screws.



Le Barreaudé



Le «Classic»

■ Fence:

Fence at the back of the goal and on the sides, wire Ø 8 mm, mesh 242 x 53 reinforced by 30 x 30 mm welded tubes. Fences attach to the posts with welded plates, stainless steel screws.



Grand Parc



Grande Delle

■ Net:

Back of goal made of PE thread, square mesh 48 mm attached to the structure with a sheathed steel cable Ø 5 mm.
Nets can be bought separately by unit - Ref. 112MS900V



Belles portes



Le Savary

■ Vandal-proof net:

Back of goal made of galvanized steel cable with aluminium crimping. Rectangular mesh 100 x 50 mm. Attachment by sheathed cable Ø 5 mm laced around the edge.

WARNING!

To request a vandal-proof net, specify within your goals order. The goal is then specifically adapted with half links welded on all the posts.



Le Combi⁽¹⁾



Goals and Pediments

Multi-sports

Conforms to standard NF EN 15312
of May 2007 and the Sport Code

▲ 2 types of installation: sleeve installation or mounting plate

		Goal size	Overall width	Infill	Reference Sleeve installation	Reference Mounting plate	
Football/handball goal	Grand Parc	3 m x 2 m	3.20 m	Fence	HE010102	HE010112	
	Belles portes	3 m x 2 m	3.20 m	Net	HE010101	HE010111	
	Le Barreaudé	3 m x 2 m	3.20 m	Bar Panels	HE010102-BAR	HE010112-BAR	New
Football/handball/ basketball goal	Grande Delle	3 m x 2 m	3.20 m	Fence	HE010202	HE010212	
	Le Savary	3 m x 2 m	3.20 m	Net	HE010201	HE010211	
	Le Combi ⁽¹⁾	3 m x 2 m	3.16 m	Net	HE010021	HE010022	
	Le «Classic»	3 m x 2 m	3.20 m	Bar Panels	HE010202-BAR	HE010212-BAR	New
Football/handball/ basketball goal + back panel	Le Val	3 m x 2 m	7.15 m	Fence	HE010301	HE010311	
	Le Bois	3 m x 2 m	11.51 m	Fence	HE010302	HE010312	

⁽¹⁾ Le Combi: Handball/football/basketball goal - **Ref. HE010022** and **HE010021**.
Dimensions 3 m x 2 m. White plastic-coated steel facade 80 x 80 mm. PE thread net, square mesh 48 mm attached to the frame with a sheathed steel cable Ø 5 mm. Height extension for basketball board and hoop. Hoop height 2.60 m or 3.05 m.

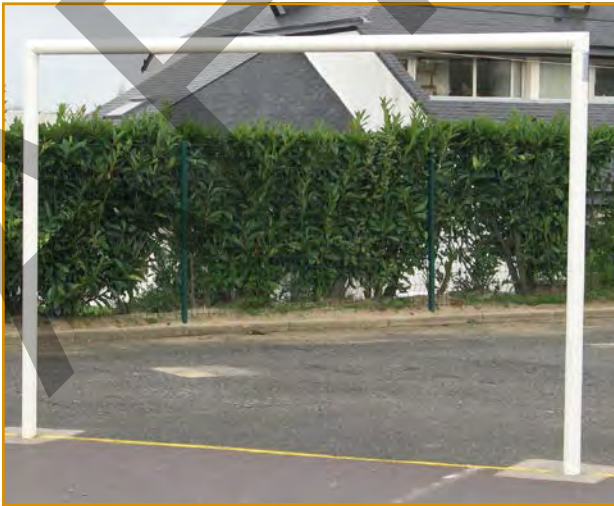
Advice:

- In very aggressive or corrosive environments or by the sea, we recommend treating fences with hot galvanization or corrosion protection + plastic coating. Just let us know.
- For loose soil, the posts must be embedded deeper. Please contact us.

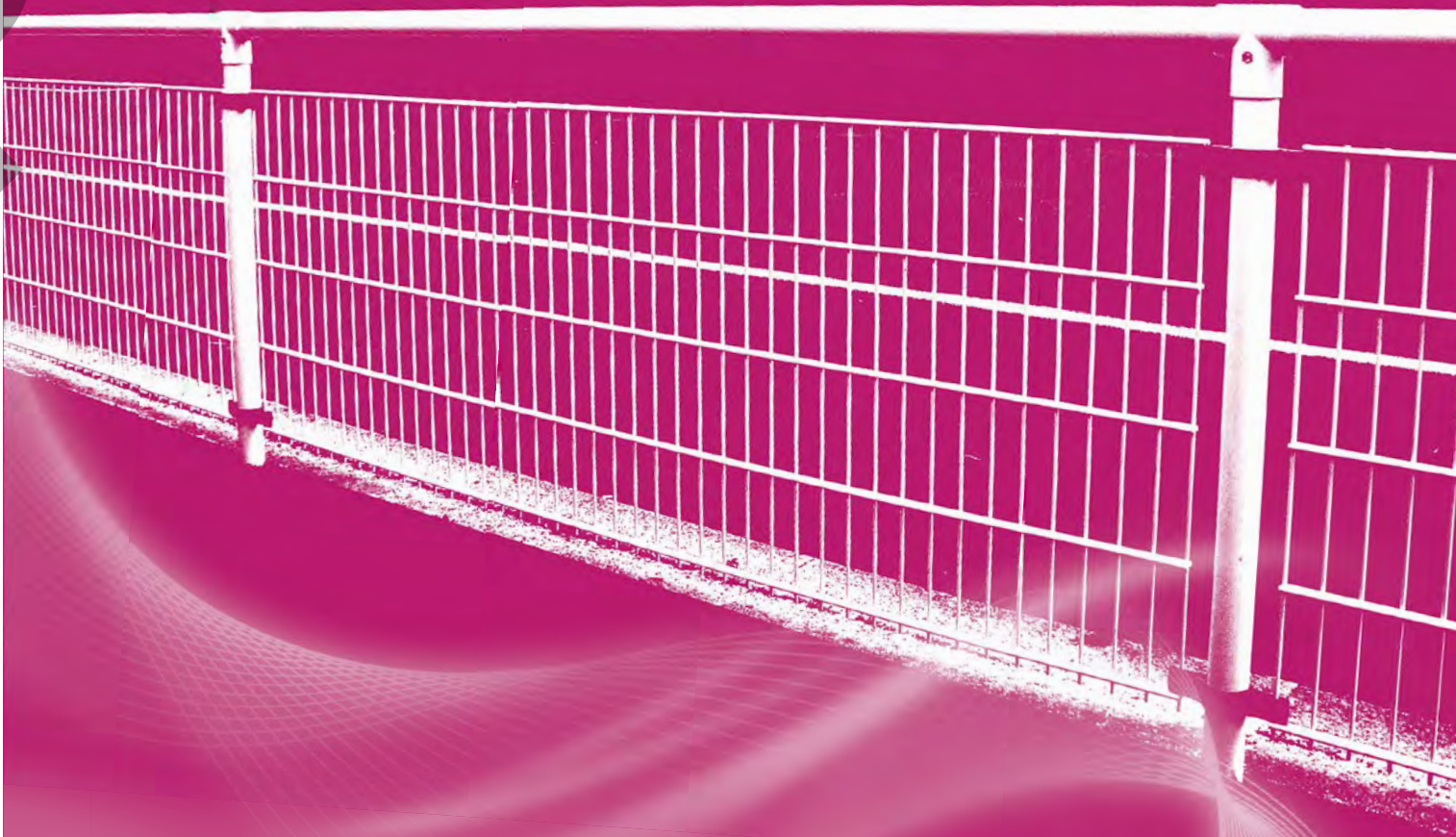
▲ Handball/football goalposts - Ref. HB05N308

Specifications:

- Goals 3 x 2 m made of white plastic-coated galvanized steel tube Ø 80 mm.
- Moulded aluminium connectors in the corners of the goalposts.
- No net attachment hooks.
- Direct installation in the concrete.
- Sold by pairs.



Sports enclosures



Sports enclosures

Ball stop netting

Information about ball-stop

Metalu-Plast's team realizes your project on basis of the information you've provided: the length and height to fit, the installation of the structure (angle, straight line, bearing structure existing...), the sport scheduled or other intended use (barrier papers, rockfall center penitentiary...). These elements determine for example, the choice of mesh and skin type at the bottom.

All ball stop netting structures must meet the requirements of AFNOR standard XP ENV 1991-2-4. This standard is now a benchmark for invitations to tender or for project management. It takes into account the actions of the wind on metal structures and buildings depending on where the ball stop netting is installed, the height above ground level, the spacing between posts and the net mesh. Calculation can be used to determine the appropriate steel tube section for your netting.

General characteristics of ball-stop

- Height available from 4 to 13 m above ground.
- Plastic-coated galvanized steel tubular posts.
- The structure is composed of different types of posts: end, corner, retention, intermediate post, wind bracer, straining post.
- Post diameters depend on the project. Posts exist with different diameters: 50,60,80,90,102,114 mm, up to 102/102 mm for bipode post. Certified design notes may be delivered when ordering.
- Posts adapted for an easiest attachment of the nets.
- Possibility of having the bottom part covered with welded mesh panels or single twist wire mesh.
- RAL colours green 6005 or white 9010.
- Standard spacing between posts: 5 to 7.5 m according to the design report.



Golf enclosures



Wind bracing



Wind bracing



Sports enclosures

Ball stop netting

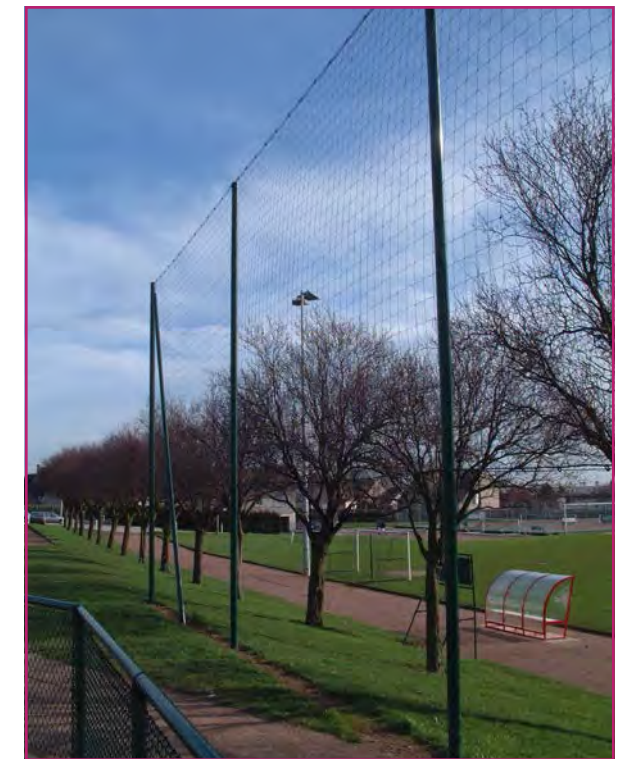
Customized net

The dimensions of the net, on high and low part, are adapted to each ball-stop. The mesh size selected differ depending on the sport:

- 25 mm for golf enclosure
- 48 mm for baseball, tennis, hockey, Basque pelota enclosures
- 100, 120 and 145 mm for the enclosure of sports balls (basketball, handball, football ...)

Product benefits:

- Very high heights possible.
- High resistance.
- «100% made to measure».

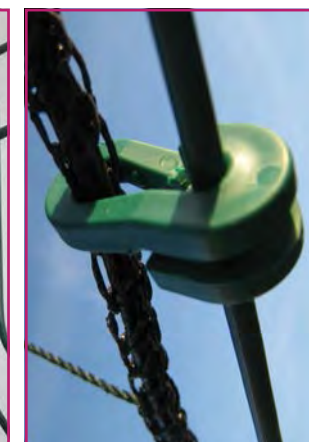


Net accessories

- Green sheathed steel 5 mm cable around the whole net.
- Split rings for connecting the cable and the net (3 rings/meter except for the golf 4 rings/meter).
- No. 4 stiffeners for tensioning the cable.



Steel cable



Split rings



Stiffeners

Options

- Other RAL colours on request
- Possible integration of spacer bar in order to replace wind bracing (for a project with few linear meters, if the structure is based on a wall, or as an aesthetic choice).
- Welded U allowing adaptation for wood baseboards or concrete plate 40 mm standard thick (for field hockey for example).
- Welded plate at the bottom of the post.
- Anticorrosion treatment.
- Enhances of an exiting structure.



Ball stop with dB-Stop, red color (RAL 3004)

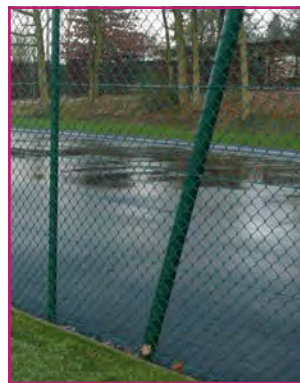
Sports enclosures

Ball-stop

▲ Bottom trim on ball-stop

▲ Trim with a single twist twisting

- Trim of the lower part of the ball-stop up to 4 meters height.
- Adaptation of posts for an easiest installation of the fence:
 - On end and corner posts: welded plate in order to fix the stiffener.
 - On retention and intermediate posts: stainless steel rings or wire guides welded every 50cm.
- Twisting simple twist to choose: diameter of 3.9/4.4 or 2.7/3.1 mm, with a 50 mm wire mesh.



▲ Trim with welded mesh panels

With aluminium post shiplap

- Trim of the lower part of the ball-stop up to 2 meters (standard height)
- Panels attached with stainless steel clips to aluminium sheeting fixed to the posts.



With steel post and dB-stop system

- Trim of the lower part of the ball-stop up to 2 meters (standard height)
- Panels attached using the dB-STOP system that absorbs the noise pollution and vibration of ball stop structures.

The dB-Stop is quick and easy to install on stadium fencing:

- The polypropylene plug shock absorbers comes attached on the posts by an insert.
- The dB-STOP flange allows you to attach 2 panels at the same time for an easiest installation.
- The product is compatible with the straight, double-wire welded mesh panels.
- Panel attached by brushed stainless steel stirrups and tamper-proof torx screws.



dB-Stop

Sports enclosures

Ball-stop

▲ «The specifics» ball-stop

Wall or ground mounting plate ball-stop



For installation without seal (wall or floor) or for a removable ball-stop.

▲ Cranked top ball-stop



For «defensive» protection and anti crossing.

▲ Welding «U»



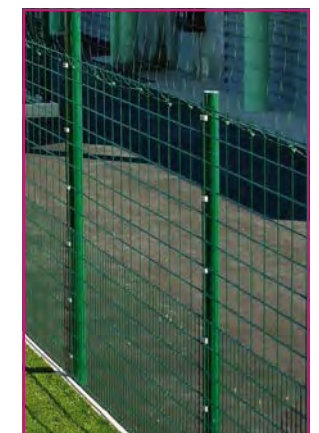
For the protection of the lower part of the structure, including a electro galvanized steel «U» which allows to receive a concrete or wood plate, with a standard thickness of 40 mm.

▲ Trim with Mediterranean league

- dB-STOP on panels conforms to F.F.F, Mediterranean league
- The enclosures withstand a stress load of 170 daN/ml at a height of between 1 and 1.10 m from the ground.

Panel specifications:

- Double wire Ø 6 mm, total height 2.25 m.
- Height of lower section 1.05 m with mesh 55 x 150 mm.
- Height of upper section 1.20 m with mesh 165 x 150 mm.
- + pins.

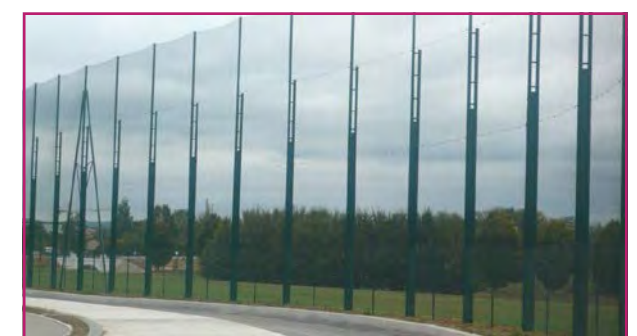
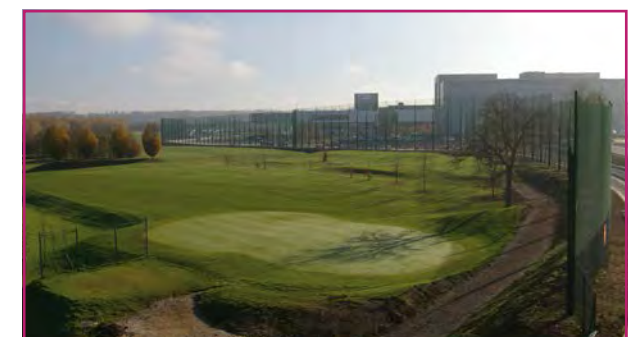


▲ The bipode

For enclosures that need a tighter mesh (golf, tennis, baseball, etc.), or that will be subjected to considerable stress (paper netting at waste sites), the Bipode reinforces the structure and avoids the need for wind bracing.

Bipode specifications:

- Suitable for projects up to 13 meters above ground.
- Double post, plastic-coated, galvanized, 3mm welded metal plate attachment.
- Post dimensions: Ø 102/102 mm, Ø 102/90 mm or Ø 80/60 mm.
- Posts can be spaced further apart compared to the installation of single posts.
- Standard color: green (RAL 6005).
- Customized net.
- Spacer bars can be integrated.



Sports enclosures

Handrail

Information about handrail

Metalu-Plast's team realizes the project on basis of information you've provided: the length and height to fit, the choice of trim on low part, sport

Our solutions allow adaptation to all field constraints (not defined curve and angle) thanks the various aluminium connectors, for all models.

Handrail height of 1.10 m above the ground.

General characteristics of hand rail

- Post height: total height 1.50 m, height above ground level 1.04 m.
- Ø60 mm posts and rails: handrail available in hot galvanized tube, plastic-coated galvanized or plastic-coated aluminium.
- Standard plastic coating colours: green or white
- Spacing between posts: aluminium handrail 2 m or 2.50 m, steel handrail 2 m, 2.50 m or 3 m.
- Information about the assembly:
 - handrail assembled with one-piece or half-shells tees.
 - tees attached by screws or rivets.
 - finish handrail by male or female elbow.
 - corners made by 90° or orientable angles.



Without trim



dB-Stop



Wire mesh trim



Wire mesh trim



dB-Stop



dB-Stop

Sports enclosures

Handrail

Handrail without trim

- Height of the handrail: 1.10 m.
- Post and rails Ø 60 mm.

Access for handrail without infill:

- Sliding gate Ø 55 mm in 60 mm tube available from 1 to 3 meters.
- Swing gate Ø 60 mm with angle reinforcement bracket available on 1 and 3 meters.

Product benefit:

- Economical product, quick and easy to install.



Sliding gate



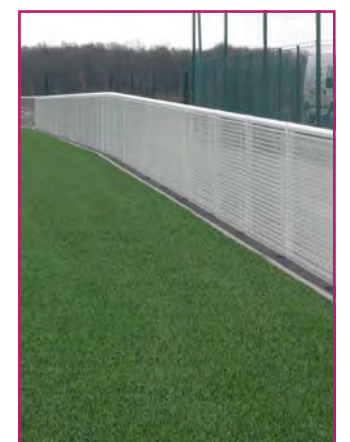
Swing gate

Handrail with a wire mesh trim

- Posts available in hot galvanized or plastic-coated galvanized versions.
- Rails made of plastic-coated galvanized steel or plastic-coated aluminium.
- Stainless steel rings welded to the posts every 50 cm.
- Trim: heavy-duty single twist wire mesh (4.4 mm), green (RAL6005) or white (RAL9010).
- Comes with accessories: roasting, sheathed cable, hot dip galvanized fasteners, cable tie, stiffener N°4.

Product benefits:

- Stainless ring, will not rust.
- Difficult deformation of the wire netting.
- Noise absorber during the impact of balls.



Sports enclosures

Handrail

▲ Handrail with welded mesh trim

▲ On aluminium post shiplap

- Panels attached with stainless steel clips to aluminium sheeting fixed to the posts.
- Trim: large range of available panels.



▲ On steel post and dB-stop system

- Steel posts pre-fitted with dB-Stop flanges fixed by an insert.
- Aluminium or plastic-coated galvanized steel
- Trim:
 - Use straight panels with double wire 8/6/8 or 6/5/6 with dimensions 2.50 x 0.83 m.
 - Folding panels on request.
- Fixing with a dB-Stop flange (3 per post)
- The polyamide plug shock absorbers comes attached on the posts by an insert.
- The dB-STOP flange allows you to attach 2 panels at the same time for an easiest installation.
- The product is compatible with the straight, double-wire welded mesh panels.
- Panel attached by brushed stainless steel stirrups and tamper-proof torx screws.



Product benefits:

- Quick and easy to install.
- Noise absorber thanks to the dB stop system



Sports enclosures

Handrail

▲ Specifics Handrail

▲ Options

- Other colours available on request.
- Handrail with collar attachment.



▲ Post on mounting plate

- Plastic-coated galvanized handrail post Ø 60 mm, on welded mounting plate 150 x 150 mm (Ref. on request).
- Triangular aluminium mounting plate (foot) for tube Ø 60 mm:
 - Made of primary aluminium.
Ref. MC300320.
 - Made of plastic-coated aluminium.
Ref. MC300325.

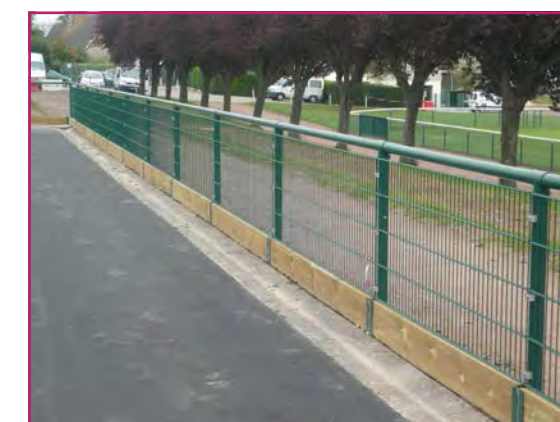


▲ Enclosures of hockey field

- Plastic-coated galvanized Ø60 mm post, steel handrail, height 1.10 m.
- Electro galvanized welded U (plate thickness 40 mm).
- Trim:
 - Full wood
 - Mixed: wood / welded wire mesh fixed by dB-Stop
 - Mixed: wood / single twist mesh



Ball-Stop version



Description of the tennis fencing

Specifications of the structure:

- Plastic-coated galvanized steel tubular posts.
- RAL colours green 6005
- Posts designed for easy assembly of the single twist wire mesh.
- Heights available: 3 m, 3.50 m and 4 m.
- Post diameter depends on the height above ground and the spacing between the posts, but also if screenbreak is installed.
- Straight sealing brace.
- Standard spacing between posts: 3.60 m.

Structure trim:

- Green plastic-coated single twist wire mesh.
- Welded wire guides every 50 cm on the post for installing the wire mesh on the span wire.
- Welded plates on end posts and corners.
- Wire mesh available with wire Ø 3 mm or 3.5 mm.



Tennis court doors

Doors specifications:

- Frame made of 40x40mm plastic-coated galvanized steel section.
- Wire mesh door infill 45 mm wire Ø 5 mm.
- Frame assembly by cutting welded tabs.
- Cylindrical European barrel lock.
- Possible integration of all types of locks.
- Standard color green (RAL6005).

Product benefits

- Installation easy and quick.
- Anticorrosion treatment.
- 2 opening direction of the door.

One leaf door - Ref. CLTNPOR31

- Dimension: height 2050 x width 1200 mm.
- Standard color: green (RAL 6005).
- Frame:
 - Galvanized plasticized Ø50 mm.
 - Welded plates for attaching the single twist wire mesh to the door.
 - 2 braces for attachment to the frame.



Two leaves leaf door - Ref. CLTNPOR32

- Dimension: height 2060 x width 2450 mm.
- Standard color: green (RAL 6005).
- Frame:
 - 2 round Ø60 mm posts and 2 spacer bars on the top and bottom part, galvanized and plasticized.
 - Welded plates for attaching the single twist wire mesh to the door.
 - 2 braces for attachment to the frame.



Court separation rails

Specifications:

- Tubular steel handrail diameter 60 mm.
- Handrail made of hot galvanized tube or plastic-coated galvanized steel.
- Plastic coating colours: green (RAL6005) or white (RAL9010)
- Total post height: 1.50 m.
- Height above ground 1.10 m.
- Spacing between posts: steel handrail 2 m, 2.50 m and 3 m.
- Handrail with one-piece tee pieces or split rings.
- Stainless steel rings or wire guides welded to the post for installing the wire mesh.



The tennis fencing kit

Tennis fencing kit - Ref. TN080620:

- Height available: 3 m.
- 4 corners Ø 60 mm.
- 8 braces Ø 50 mm.
- 26 intermediate posts Ø 60 mm.
- 1 door 40x40mm and 2 m x 1.20 m.
- 6 rolls of FFT standard wire mesh.
- RAL colour green 6005.
- Structure trim: wire mesh available with wire Ø 2.9 mm.



Windbreak and screen

Specifications:

- As standard, the windbreaks and screens are available in green.
- Windbreak: High-density polyethylene monofilament woven net. PVC tapes around the edge and eyelets every 50 cm.
- Screen: High-density polyethylene strip woven net. PVC tapes around the edge and eyelets every 30 cm.

	Standard size
50% windbreak	2 m and 3 m
65% windbreak	2 m
80% windbreak	1 m, 1.2 m, 1.5 m, 1.8 m, 2 m, 3 m
95% windbreak	2 m

2 versions available:

- Standard size rolls.
- Made-to-measure (please contact us).

Additional information:

- Marking possible on 65% windbreak (on request, please contact us).
- Installation accessories available: attachment collars or metal S hooks.



Gates and doors

▲ Gates with welded wire mesh

Posts:

- 80 x 80 mm section, hot galvanized plasticized steel.
- Handrail attached by half-round groove Ø 60 mm.
- Standard color white, RAL 9010.
- Anticorrosion treatment.

Gate:

- Round frame Ø 60 mm galvanized steel.
- Anticorrosion treatment.
- Panels filled with welded wire mesh, wire Ø 8/6/8 mm.
- 180 ° opening, reversible hinges, steel bayonet.
- Swing gate.
- Lockable with a European canon.
- Standard color white, RAL 9010.

Height: 1.10 m

- 1 door leaf with a width 1 m - 1.5 m and 2 m.
- 2 leaves for gate width 3 m and 4 m.



Product benefit

- Possible adaptation on an existing hand rail (welded mesh panel or single torsion roasting).

▲ Gates and doors with bar panels

Specifications of gates and doors with bar panels:

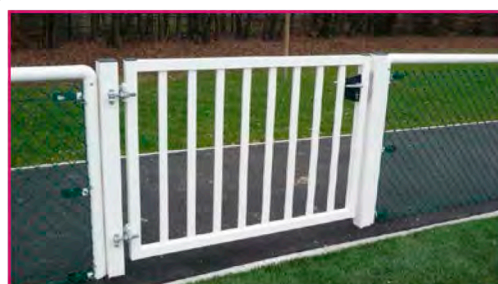
- Frame made of square 50x50 mm steel.
- Panels filled with 40x20mm bar panels.
- 180° opening, reversible hinges, steel bayonet.
- Swing gate.
- Lockable with a European canon.
- Standard color white, RAL 9010.
- Anticorrosion treatment for posts and doors.
- Dimension of available doors:
 - 1 leaf gate with a width 1.5 m and 2 m.
 - 2 leaves for gate width 3 m and 4 m.

Gate height 1.10 m for handrail

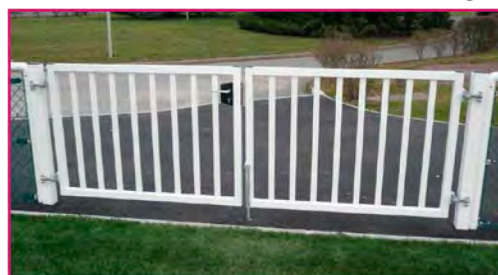
- Posts:
 - 80 x 80 mm section, hot galvanized plasticized steel.
 - Handrail attached by half-round groove Ø 60 mm.
 - Standard color white, RAL 9010

Doors height 2 m for ball-stop

- Posts:
 - Square 100x100mm section, plasticized steel.
 - Standard color white, RAL 9010



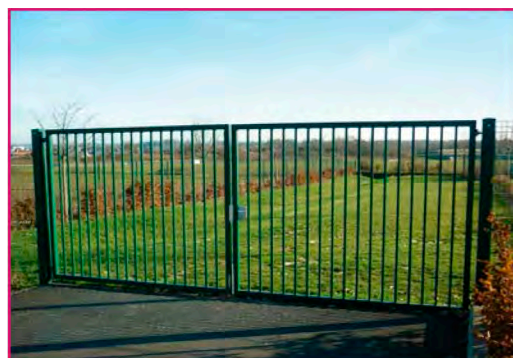
1 leaf gate



2 leaves for gate



1 leaf door



2 leaves for door