



# P.S.E

PISCINE SÉCURITÉ ENFANTS



FRENCH FABRICATION  
Produced in France since 1996



# The rigid Beethoven

## RIGID PANEL

# The Beethoven

## AMOVABLE MESH



NFP 90-306

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# The beethoven

## FENCE IN MESH

Sections 1 to 15 ml on height 1.22 m :  
allows precise layout and placement  
conforming to the standard  
Aluminium posts mounted on mesh for excellent  
tension.

Ø 30 mm advised for windy areas, bad quality  
concrete or installation onto soil,  
Ø 16 mm: The Beethoven III



### COLORS

#### Beethoven range of colours:

Black or green mesh with anodised posts  
Black mesh with black posts RAL 9005

#### Beethoven Prestige range of colours:

White mesh with anodised posts  
Green mesh with green posts RAL 6005  
Chocolate mesh with chocolate posts  
RAL 8019  
Anthracite grey mesh with anthracite grey  
posts RAL 7015

### AESTHETIC QUALITIES: TRANSPARENCY

Black mesh, chocolate mesh, anthracite grey  
mesh, green mesh blending into the space.  
Like plexiglass but no maintenance.

**REMOVABLE** partly or totally in minutes.

### AUTOMATIC SELF CLOSING GATE

Obligatory for pools with collective use: gites,  
hotels, co-ownership, carers of children  
Rigid frame with mesh infill. Mounted on a  
base, self closes thanks to its spring hinges.  
Delivered with 1 key. Compatible with The  
Beethoven fence Ø 16 or Ø 30 mm.

### SECURITY

No holds for children to climb.

The fabric will not injure a child who falls on  
the fence. Toys cannot pass through or under  
the fence. The transparent fabric allows easy  
supervision.

Protection for animals.

Height 1.22 m (conforms NFP 90 – 306)

**ACCESS:** An inox proof hook is mounted at  
the end of each section. This fixing between  
each panel constitutes also an access to the  
pool. The security hook and the tension of the  
closure require two simultaneous operations  
with a strenght of 20 newtons. This is a  
manual security for this mean of access: no  
break down.

To open: bring together  
the two outside posts  
stretching the tension by  
one hand and opening the  
hook with the other hand:  
so two actions at the  
same time. One achieves  
an opening of one meter  
on the right and at the same time on the left.



# Amovable

**PARTLY OR TOTALLY**



**AFTER  
- SALES  
SERVICE**  
on all  
references

## Style & Transparency

### RESISTANCE:

Mesh net in polyester + PVC

Resistance of the mesh: 3 tonnes / m<sup>2</sup>  
= 3 times the resistance required by the standard, treated anti UV

### POSTS:

**Reinforced at their base for maximum holding during bad weather.**

### FIXING ADAPTED TO EVERY TYPE OF GROUND:



**DRILLING Ø 30 mm**  
Excellent holding, for windy areas, bad quality concrete or installation onto soil and on all type of ground: paving, earth, wood...



**DRILLING Ø 16 mm**  
Rapid and easy installation: traditional drill

**VERY IMPORTANT**  
**STICK THE SLEEVES INTO THE GROUND**  
(see price list page 2: Epoxy)

# EASY self closing gate

for Beethoven fence in mesh Ø 16 or 30 mm  
and Rigid Beethoven fence

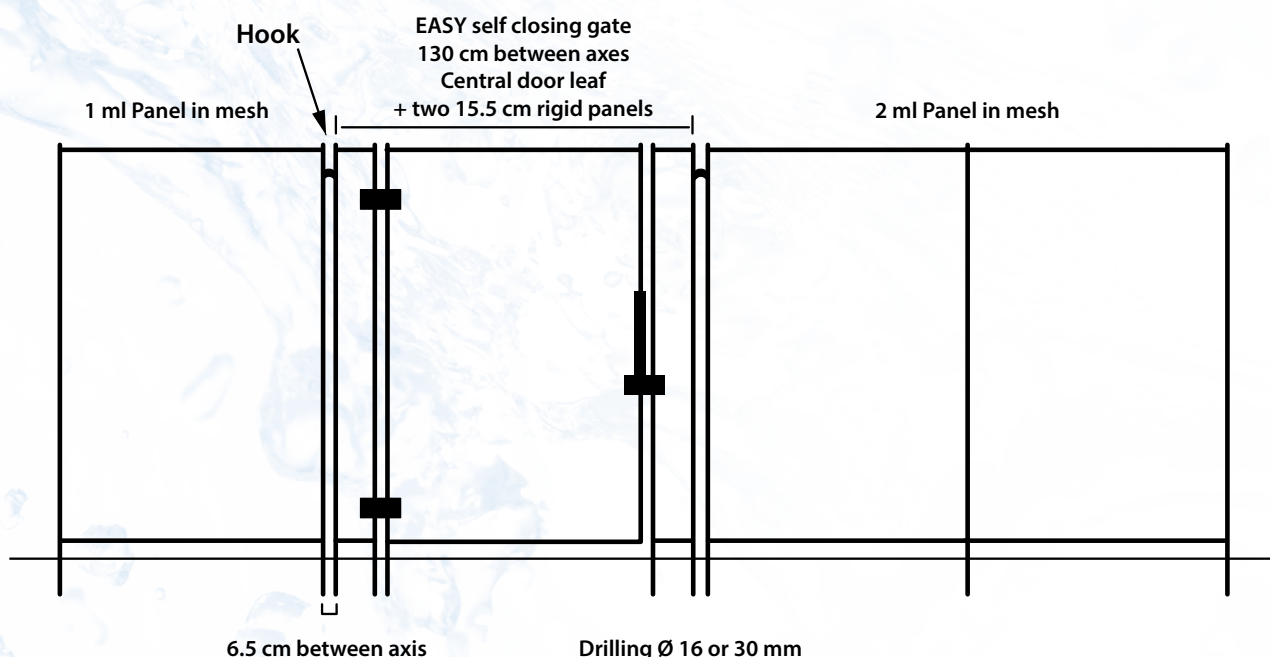


## Amovable EASY self closing gate

- Amovable: drill in ground Ø 16 or 30 mm – 14 cm long sleeves
- Central door leaf + two 15.5 cm peripheral rigid panels
- **Make sure floors are level and subfloors quality is very good**

## EASY self closing gate onto base plate

- Fixing onto base plate (screws are not provided)
- Central door leaf + two 15.5 cm peripheral rigid panels



Opening towards outside: from the right to the left (it is possible to ask opening from left to right)

# PLATINIUM self closing gate

for Beethoven fence in mesh Ø 16 or 30 mm  
and Rigid Beethoven fence Ø 30 mm



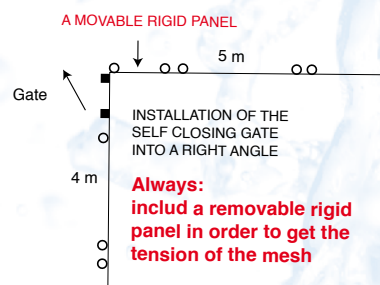
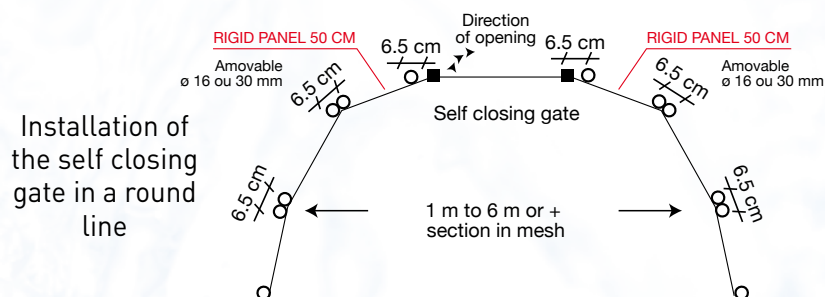
- Fixing to the ground with plates (Screws are not provided)
- Dimension overall width's plate: 114.00 cm
- Dimension between axis of the post's fence: 112 cm (the 2 first posts near the post of the gate)
- Dimension of the leaf: 93.50 cm
- Plates dimensions: 13 cm (large) x 17 cm (deep)
- Standard opening toward outside from right to left (it is possible to ask opening from left to right)

## Rigid Amovable

**PANEL Ø 16 OR Ø 30 MM**

Advised in option for the self closing gate.

Allows to strengthen the installation and to obtain a good tension near the self closing gate when it is fixed in right angles or on circular installations.



**Always:**  
include a removable rigid panel in order to get the tension of the mesh

50 cm rigid panel on circular installations/ round lines



25 cm rigid panel in right angles



# THE MINISTRY OF HEALTH HAS CHOSEN THE BEETHOVEN FENCE



FRUITLESS ATTEMPT OF CLIMBING OF A CHILD  
With a fence in net: no stiff bars on which to take support to raise itself over the net.



**SECURITY HOOK IN INOX**  
The security hook and the tension of the fence require two simultaneous operations with a strenght of 20 newtons. This is a manual security for this mean of access.



Ø 30 MM SLEEVE for installation onto concrete and cap for sleeve.



Ø 16 MM SLEEVE for installation onto concrete and cap for sleeve.



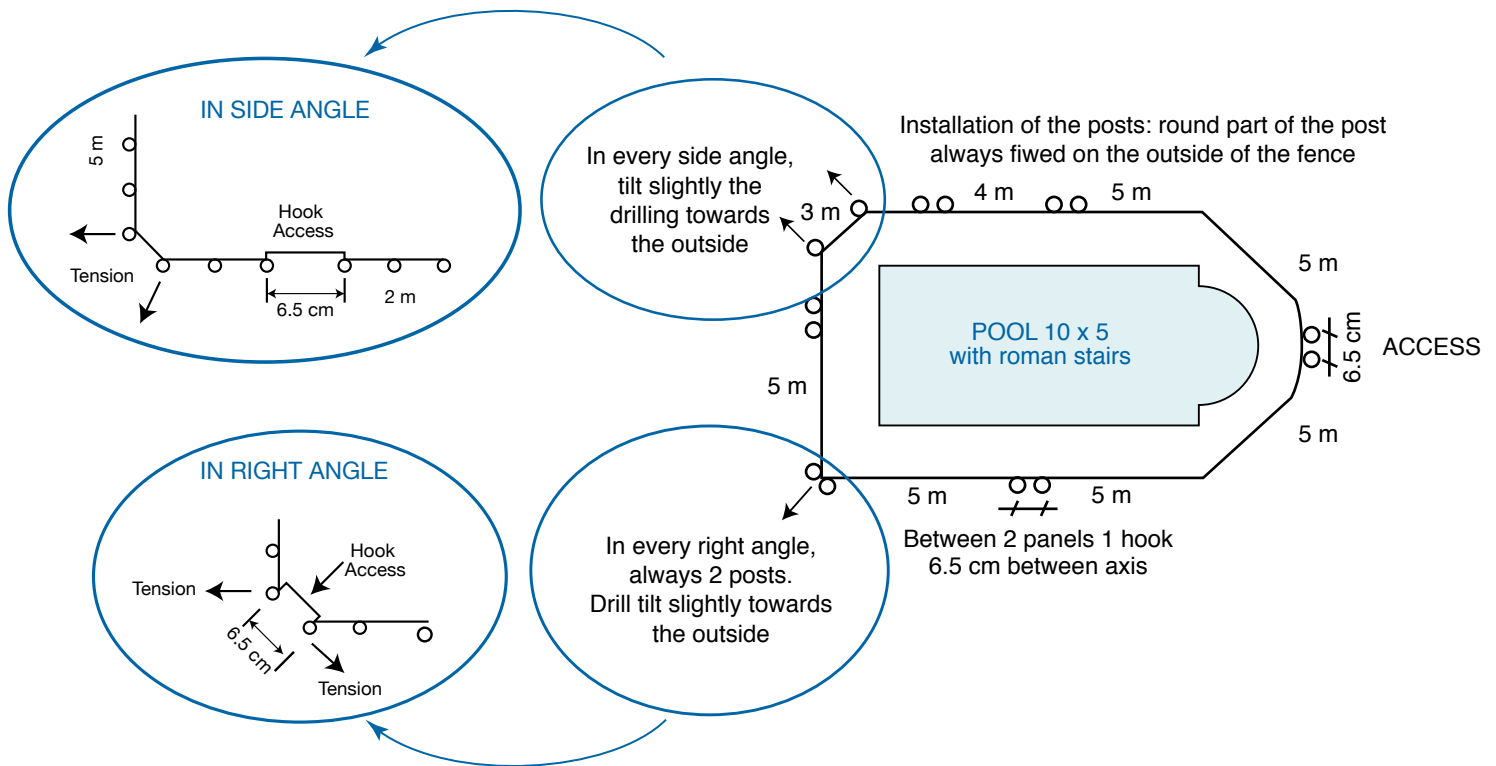
Easy storage



Black mesh and posts

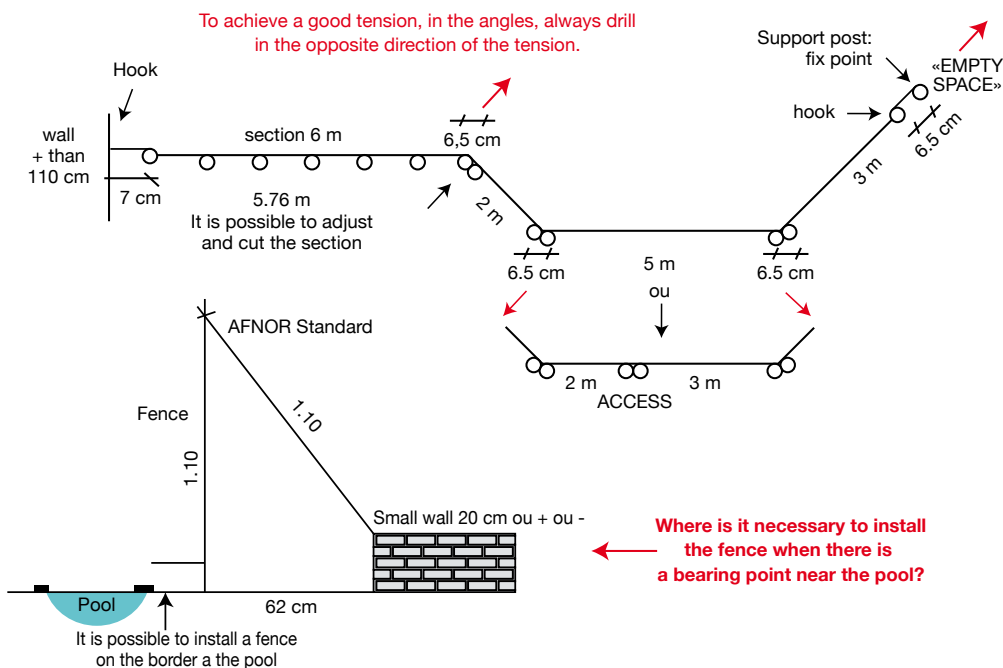
# Exemple of plans

## THE BEETHOVEN IN MESH - DRILLING Ø 30MM OR Ø 16MM

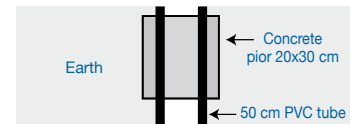


# ADVISE

## FOR BEETHOVEN FENCE'S INSTALLATION

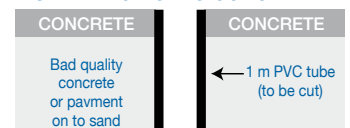


### INSTALLATION ONTO EARTH



- 2 possibilities:
- make a trench
  - make a concrete plot 20 x 30 cm

### INSTALLATION ONTO CONCRETE



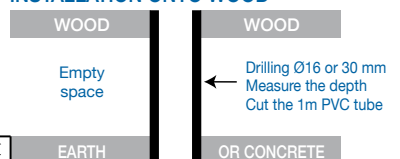
Pavement drilling: drill Ø 30 or 16 mm

Onto bad quality concrete, pavement onto sand:

1 m PVC tube: cut it to the right measure.

Strengthen the hole with some quick-setting cement or with some Epoxy resin

### INSTALLATION ONTO WOOD

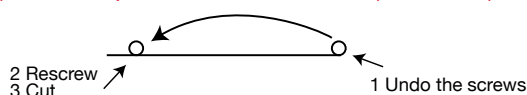


Use drill bit Ø 30 or 16 mm

Measure the empty space

Cut the PVC tube

It is possible to adjust the mesh in order to make personalized plans.





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## The Beethoven fence in flexible mesh

### REQUEST FOR PLANS AND QUOTATION (Photocopy this original)

Date: ..... Stamp + n° VAT: .....  
Company: .....  
Address: .....  
.....  
Post code: .....  
Phone number: ..... Customer's ref: .....  
email: .....

#### Color:

- Black mesh + black posts
- Black mesh + anodized grey posts
- Green mesh + anodized grey posts
- Green mesh + green posts
- Anthracite grey mesh + anthracite grey posts
- Chocolate mesh + chocolate posts
- White mesh + anodized grey posts

#### Measures:

- Pool's
- Fence's

#### Drilling diameter:

- Ø 16 mm
- Ø 30 mm

#### Type of access:

- Hook
- PLATINIUM self closing gate onto base plate
- EASY self closing gate - amovable
- EASY self closing gate - onto base plate

#### Type of ground:

- Concrete
- Concrete onto sand
- Soil / Grass
- Wood: Indicate how many space there is between the wood and the ground: ..... cm

#### Partial perimeter: for example: only one side of fence:

- There is a wall in every extremity
- No is no wall in the extremities

***On your sketch indicate where are the accesses: hooks or self closing gate***



# The Beethoven fence height made to measure

## A SOLUTION FOR EVERY INSTALLATION



IMPROPER INSTALLATION



INSTALLATION CONFORMS TO AFNOR'S STANDARD NFP90 - 306

**For in line with standards installations onto several levels, guaranteeing the safety and the aestheticism.**

One meter long panel, in flexible mesh or with a rigid frame, with made to measure height up to 1800 mm: for stairs, overflow swimming pools, walls...

**Designed and thought to be adjusted and recut in the length if necessary during the installation**  
(see catalogue on page 16 for the flexible fence and on page 20 for the rigid fence)

**RIGID PANEL WITH MADE TO MEASURE HIGH**  
(and possibility to adjust and cut the length, during the installation)



# Hotel, Campings, Bed & Breakfast, Apartment complex, Private use

## THE BEETHOVEN RIGID PANEL: 250, 500, 940 AND 1940 MM

940 mm  
rigid panel



Rigid panel for  
side angles

## THE BEETHOVEN IN MESH SECTIONS FROM 7 TO 15 ML

The Beethoven in mesh: sections from 7 to 15 ml: make less holes in the ground



**BE CAREFULL FOR COLLECTIVE USE:  
ACCESS THANKS TO SELF CLOSING GATE**



# Rigid Beethoven fence

## with KIT LOC self closing gate



## Panel: rigid frame + net infill

**AJUSTABLE LENGTHS:** during the installation if necessary

- Standard dimensions: 250, 500, 940 and 1940 mm.

### HEIGHT

- Standard height: 1220 mm
- And height made to measure up to 1800 mm

### FIXING

- Onto base plates: screws are not provided
- Drilling in ground  $\varnothing$  30 mm (amovable)

### ACCESS

- Thanks to KIT LOC self closing gate

### JUNCTION

- Screwing junction plates between 2 sections (for fixing onto base plates)
- Hook between 2 sections (for fixing with drilling  $\varnothing$  30 mm)

### COLOURS

- Black mesh + black posts
- Black mesh + anodised grey posts
- Green mesh + anodised grey posts
- Green mesh + green posts
- Chocolate mesh + chocolate posts
- Anthracite grey mesh + anthracite grey posts
- White mesh + anodised grey posts
- Black colour: base plates, frame's angle part and plate of junction between section

### SCREWS NOT PROVIDED

(anticipate the type of ground and surface)



Plate made out of zamac  
10 x 5.6 cm –  $\varnothing$  10 mm



Drilling  $\varnothing$  30 mm

# Rigid panel with fixing onto base plates

## Orientation of the plates in angles

Take place on the side of the swimming pool to determine if the special plate is situated to the right or to the left.

Please communicate a plan so that we can produce the fence directing the right plates in the angles.



**90° ANGLE (right angle):**  
Order 2 panels specifying which one of the 2 plates will be orientated to 45° (precise if it's the right or the left plate).

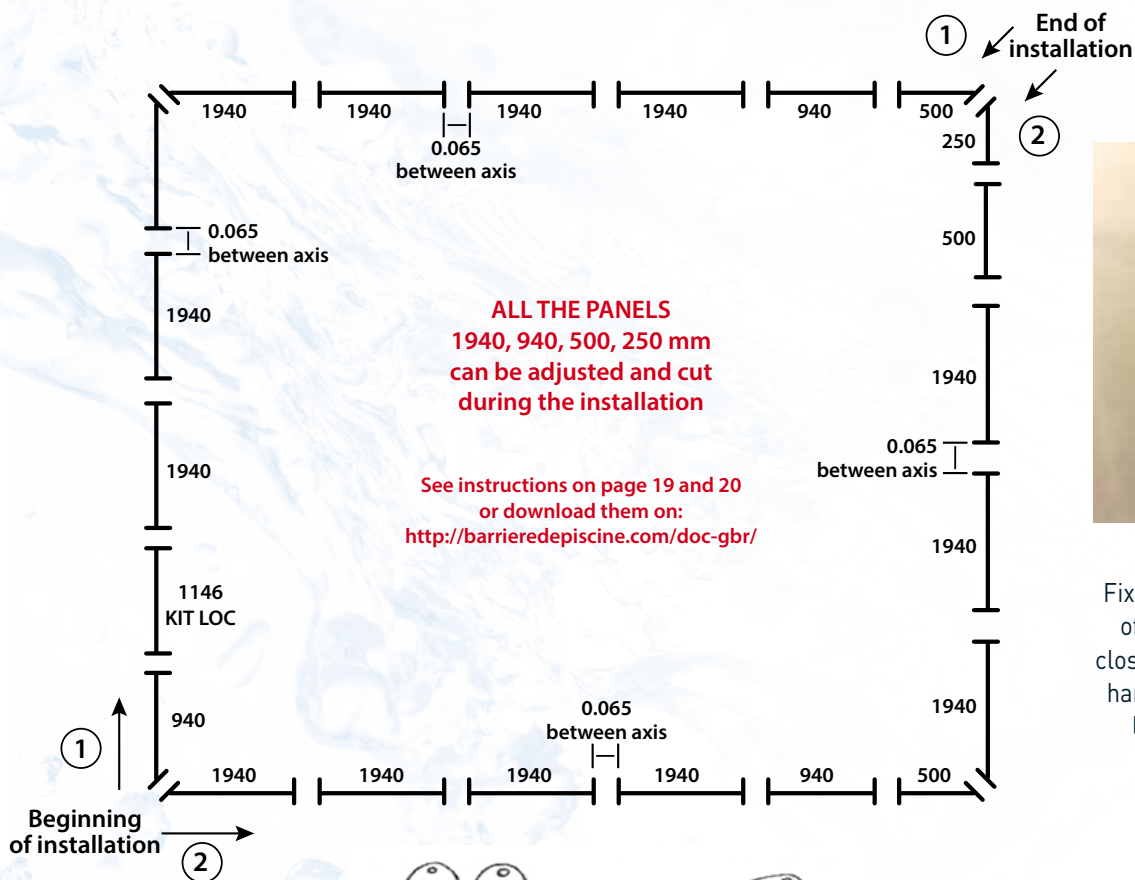


**ANGLE FROM 40° TO 80°:**  
Rigid panel with right base plate orientated to 45°: so there 'll be 1 standard plate + one 45° orientated plate.



**ANGLE FROM 0 TO 40°:**  
Use standard plates that allow orientate the panels from 0 to 40°.

## Exemple of installation

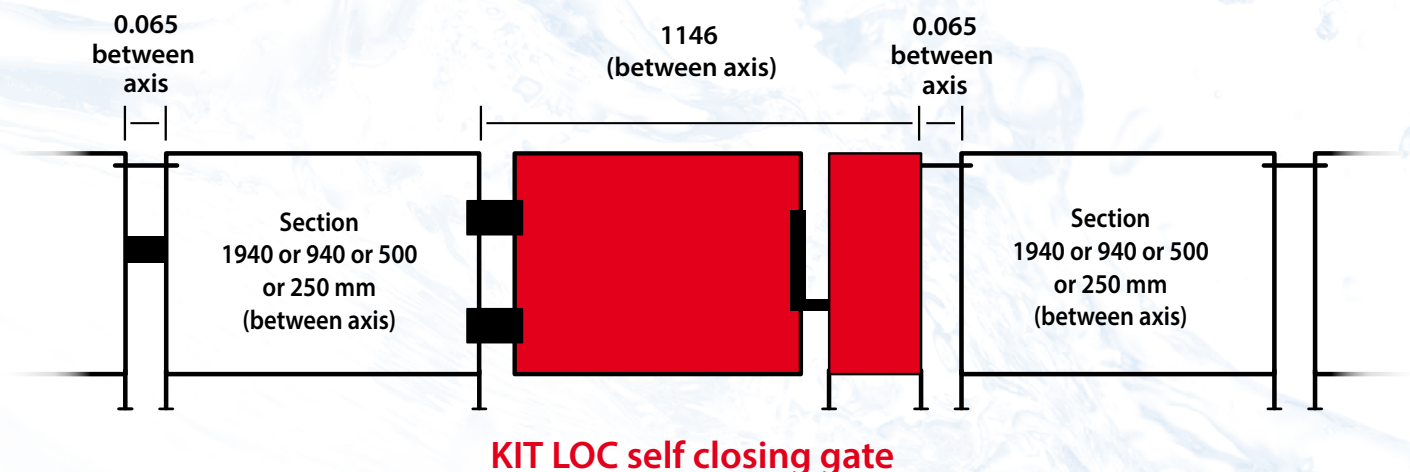


**Plexiglas plate**  
Fix it on the latch side of the KIT LOC self closing gate: to prevent hand's passing at the level of the lock.



Between 2 plates: 1 cm space

# KIT LOC self closing gate for rigid Beethoven



**Fixing onto base plate or with drilling  $\varnothing$  30 mm**



**Central door leaf (directly fixed onto the post of a peripheral rigid panel)  
+ one 15.5 cm rigid panel (latch side)**



## The RIGID Beethoven onto BASE PLATE or AMOVABLE Ø 30 mm

Company (Stamp): .....

Phone number: .....

Email: .....

**Please communicate precisely the dimensions of the fence and where you wish to fix the self closing gate**

### Rigid range

- Amovable** (drilling Ø 30 mm) with self closing gate **KIT LOC**
- Onto base plate** with self closing gate **KIT LOC**

### Colors

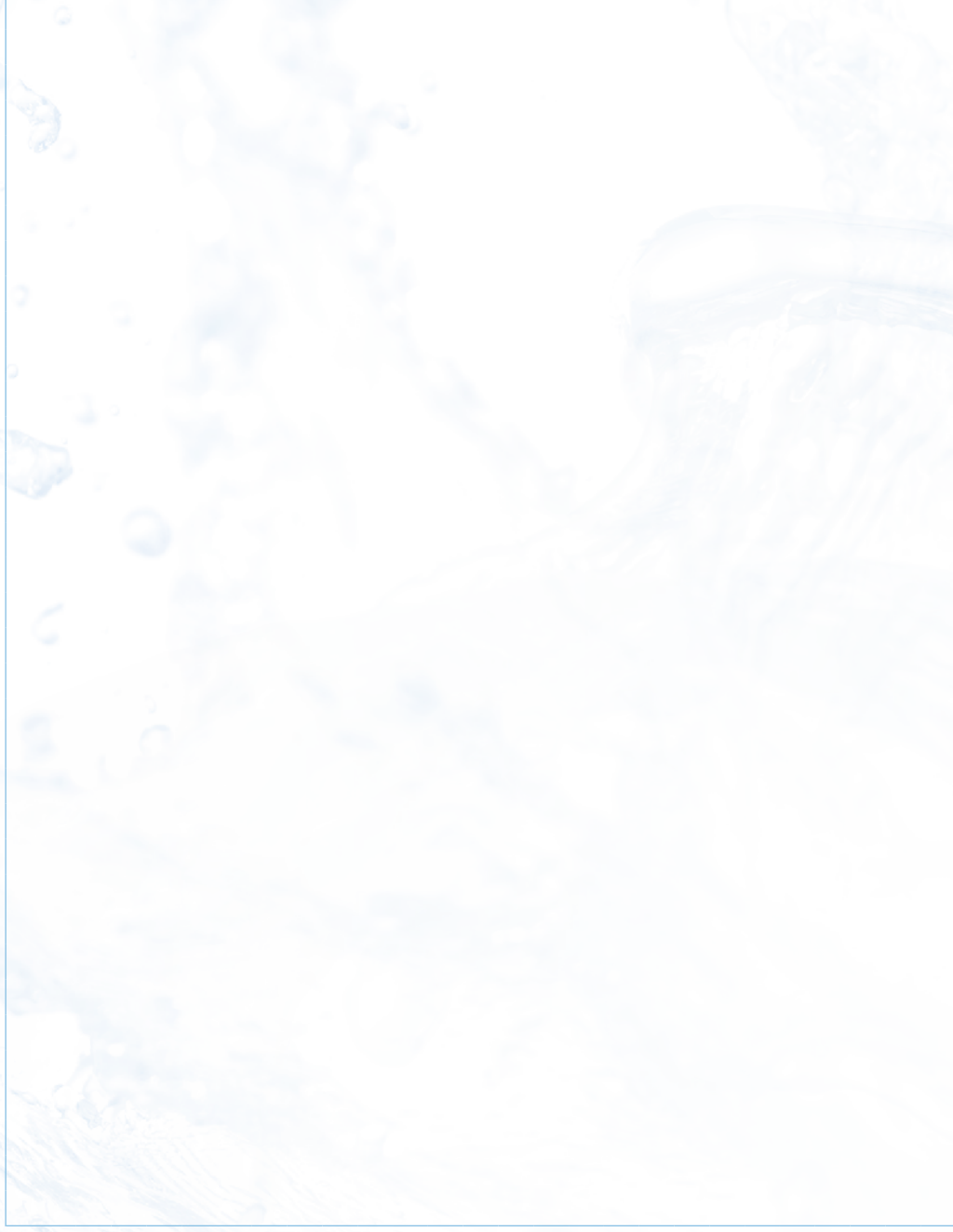
- Black mesh + black frame
- Black mesh + anodized grey frame
- Green mesh + anodized grey frame
- Green mesh + green frame
- Anthracite grey mesh + anthracite grey frame
- Chocolate mesh + chocolate frame
- White mesh + anodized grey frame

### Type of ground

- Concrete
- Concrete onto sand: **onto base plate only**
- Wood with drilling: space between wood and soil: \_\_\_\_\_ cm
- Wood on baseplate
- Soil / grass: **with concrete trench**

### Extremities of the fence

- Wall
- Something else, precise: \_\_\_\_\_



# Make the Beethoven installations: a profitable activity

**REALICE DRILLINGS WITH A HIGH QUALITY OF EXECUTION  
WARRANTING THE SATISFACTION OF YOUR CUSTOMERS**



## **HUSQVARNA HANDHELD DRILL DM 230**

The handle has an integrated water hose, which together with the electric cable run parallel conveniently from the machine.

- By pressing the SmartStart button speed is reduced by half, which facilitate to start drilling.
- The DM 230 sits comfortable against your body due to the soft rear section and a larger contact area.
- Three gears The DM 230 is equipped with three gears
- If the motor runs at too high a load for a long period, it will start to pulsate. If the load is not reduced the motor will shut off, to prevent overheating. Elgard™ significantly increases the machine's service life.
- An electronic current limiter for softer starts. Full speed is reached about two seconds after the switch is turned on.
- Equipped with Elgard™ which uses pulsation to indicate when the machine is overloaded. This extends product life.
- When making a starter hole or cutting through reinforcement speed can be reduced by half using SmartStart.
- SoftStart™ – electronic current limiter means full speed is reached about two seconds after start.
- Three-speed water-cooled gearbox for optimal drilling performance and longer service intervals.
- The plastic housing makes it more durable against drops and daily wear.

## **TECHNICAL SPECIFICATIONS**

Voltage 230/ 110v - Power 1850 w

Amperage 8 / 15A

Weight: 7 kg

### **Drill bit :**

Ø Max drill bit diameter, stand / 150 mm / 6 inch

Ø Max drill bit diameter, handheld / 75 mm / 3 inch



## **DRILL STAND: DS 150**

- Being light and compact, the stand is easy to transport and install.
- Fast setup with the integrated vacuum base, with no need for anchoring or clamping.
- Equipped with guide rollers for stable and accurate drilling as well as cleaner and straighter holes.
- The back support is clamped to the column with a patented rigid solution, for stable drilling.
- All adjusting screws on base plate, carriage and back support can be adjusted with the supplied feeding handle.
- The stand has a jacking screw on the top for easy clamping of the stand.
- The baseplate can also be used as a vacuum plate.

## **TECHNICAL SPECIFICATIONS**

Max drill bit diameter: 150 mm

Travel lenght: 495 mm

DIAMON DRILL BIT D810 Ø 16 mm  
or Ø 30 mm

Speedy and versatile for wide range of applications. Exclusive segment shape for less friction. Exclusive crown shape on diameters below 50. Shorter length and thin walled tube for handheld machines.



# The Beethoven fence inflexible mesh

## INSTALLATION MANUAL

### Drilling Ø 16 or 30 mm

This fence – Beethoven or Beethoven Prestige restricts access to the pool to children under the age of 5. Read carefully and keep for further reference.

It is recommended to install the fence a minimum of 1m away from the pool.

For private pools for personal use it is recommended not to install the fence too far from the pool to maximise effectiveness of the fence. Do not allow anything leaning against either side of the fence, make sure that there are no moveable objects within 1.10m. If the fence isn't long enough to circle the pool, the posts at the extremity absolutely must be fixed to an immovable element (wall, fence). Hooks and gate's lock have to be fixed on the inside of the fence

**Draw on** the installation area – ground or paving- the layout of the fence taking into account the survey supplied by the distributor at the time of the issue of the quotation; in addition, the distance in relation to the water. Arrange your sections in lengths: 6 m, 5 m, 4 m, 3 m, 2 m, or 1 m, rolled up on the ground, in accordance with your drawing. This operation will allow you to check the options of the chosen order of the sections. These sections are now assembled one after the other during the assembly by a system of security hooks.

**Your element of measurement to drill in order to respect the dimension between the axis of each post is the section itself.**

**You must drill in the paving with a 30 mm drill to a depth of 9 cm for the Beethoven or with a 16 mm drill to a depth of 10.5 cm for Beethoven III.** When a traditional drill is used, the dust from the holes must be evacuated with a vacuum cleaner. When using a diamond drill the drilling area must be cleaned with a brush to evacuate water and dust. This operation is indispensable to position the sleeves without forcing them and to give a good anchorage in the ground. Coat the sleeve in Fisher glue and insert.

**How to respect the distance between two posts:** Your element of measurement between the axis of each post is the section itself.

**To start your drilling:** Make your first hole where you want to start your site, insert the sleeve then place the first post of your section. **The profile of the post is always on the inside of the fence for security.** Unroll the net to the next post. Stretch the mesh. Check the tension of the lower binding carefully. Make a mark in the ground for the second drilling. Drill and repeat the operation for each post in the section.

**To finish a section and start a new section:** Place the last post of your section and measure 6,5 cm between the axis of the posts. Make a mark on the ground for the drilling of the first post. Fix the security hook and eye to the posts. Put the fence into position. Continue the installation.

**To finish the installation:** Do your last drillings. The last hook in place bears the tension between the first and last section installed.

**To adjust:** Depending on your layout, it will sometimes be necessary to make a correction in the length of a section. To do this you must unscrew the screws on the post. Take off the mesh. Take the measurements to the ground and transfer them to the bindings of the mesh. Re-fix the tube to the profile by pinching the mesh to the length indicated on the bindings. Then install your tube in the sleeve to verify the measurement. Cut the mesh with a cutter.

**Sticking of the sleeves and numbering of the sections:** To complete your installation while checking the perfect anchorage in the ground of the sleeves. Number the sections at the bottom of each post using a marker.

**Installation in earth:** draw the perimeter of the chosen fence. **First option:** Make a trench on the decided layout of 200 x 200 mm. Make with a light covering of reinforced concrete sand / gravel / cement guaranteeing a sufficient foundation for the fence with the grass sleeves 30 or 16 mm.

The high part of this trench will stop in 3 cm below the level of the earth so that it can be covered with earth between the grass sleeves which will overtake of the longrine and which will be then surrounded with earth. Do not hesitate to compress the earth around the sleeves. Two or three days later, install the fence according to the instruction manual for paving in order to respect the space between the axis for the drilling.

Use 1 m PVC tubes, cut them in 15 cm of height: 12 cm will be taken in the trench and 3 cm above surrounded with earth. Stick sleeves with epoxy.

**Option 2:** make a preliminary hole in the ground with a 30 or 16 mm drill to a depth of 30 cm. Force in the special 50 cms sleeves.. Position your first post. Unroll the section and locate the position of the second sleeve. Drill. Force the sleeve and position your second post. Do the same for the other posts. Take down the sections. Strengthen at the base of the sleeve by adding blocks of concrete with traditional sand/gravel/cement 20x30. The cement block has to stop in 3 or 4 cm below the level of the earth so as to be covered with earth. Do not to hesitate to compress the earth around sleeves.



**To put up on wood:** Measure the depth between the ground and the wood to cut the tube PVC to the right length adding the thickness of the wood and 5 cm more so that the tube penetrate into the earth or the concrete. Drill with a 30 or 16 mm drill bit.

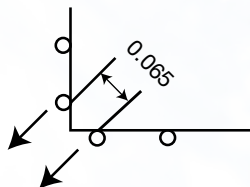
### SOME INSTALLATION ADVICE

**Security hooks:** Pre-drilling has been done for the posts. In the event of any problems be sure to use a 4 drill designed for metal. These components are always fixed on the inside of the fence: on the profile.

**In the event of a drilling mistake:** If you have drilled in the wrong place you can correct. You can move the posts on the mesh so that the dimensions correspond to the holes already drilled. The error should not exceed 5cms.

**Defective surface:** In the event of a defective surface (paving moving on a bed of sand, old paving, wood) use a PVC tube (1 ml / Ø 30 mm) supplied by your distributor. Cut to the necessary height. This operation is indispensable for a good anchorage with the ground and a good lasting mesh tension.

**To achieve a right angle:** You cannot make a right angle with one post. The angles are made with at least two posts – the end of one section and the beginning of another. You can equally fix an extra post on one section to make a cut off corner. **To achieve a good tension at the angles always drill towards the outside. These posts at the extremities or at the angle integrate the tension of the widths and the lengths.**



### Installation of the fence around a free formed pool.

Draw the definitive position of the fence in accordance with your quotation. Then follow the installation advice in the paving but drill with a slight inclination towards the outside. All the posts integrate the tension of the mesh and position themselves vertically in the ground from the complete closing.

### What you need to know for effective use

**GATES OR ACCESS TO THE POOL:** Access to the pool is possible where two sections meet; moving the two posts together at the junction and at the same time opening the security hook. By lifting the post on the right or the left you obtain an opening of 1 m.

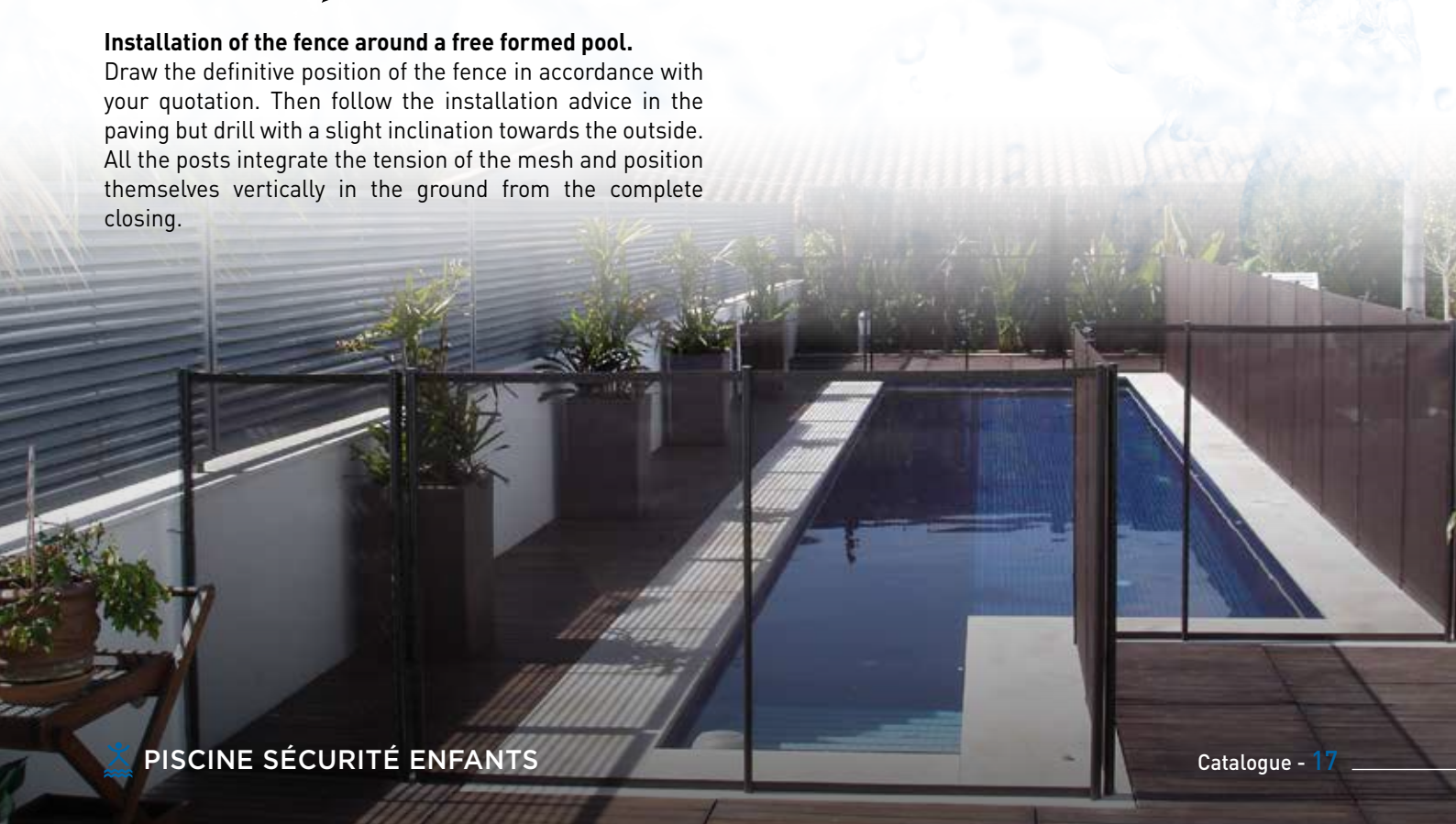
**Numbering:** Each section can be numbered like the hands of a watch around the pool. In the event of partial or complete dismantling this operation will allow you to replace the sections in their original positions. To number: use a marker to write on the lower part of each post. Stick the self-adhesive sticker supplied with the Beethoven on the fence at the principal access to the pool. Remember: Don't start any cleaning or maintenance operation in the bathing area without taking surveillance precautions of children if the fence is opened.

**Cleaning and Maintenance:** just water, that's all. To clean the mesh or the binding, use a sponge. To clean the lower part of the posts: use a dry duster/cloth. **Treat regularly the reinforced part of the post with a product against the rust.** Never use: abrasive products, bleach, ammonia. Solvents and other similar products are absolutely forbidden.

*In accordance with our general conditions of sale PSE reserves the right to modify it's designs without warning and this installation manual cannot be considered as contractual document.*

### MAINTENANCE ADVICE

*It is recommended to check the operation of the closing system regularly. It is essential to replace any damaged components without delay. Only use parts approved by the supplier.*



### MAKE A PLAN

Take the measures of the fence in relation to the pool. Make a plan in chalk so that the posts are aligned. Mark with a pen the position of the hole to be drilled.



### RESPECT THE SPACE BETWEEN THE HOLES

Place the first post into the sleeve. Tighten the bottom binding and mark the position of the next hole with a pencil. Follow the same procedure with the net as a model to mark the holes then drill the holes one after the others.



### DRILLING THE PAVMENT

Drill with a 16 mm bit for Beethoven III or 30 mm bit for Beethoven. Evacuate the dust from the hole then place your sleeve (sleeve to stick once the complete closure is installed).



**NEVER DRILL IN ADVANCE**

# Rigid Beethoven fence: fixation onto base plate or removable Ø 30 mm

## INSTALLATION MANUEL

The Rigid Beethoven fence restricts the access to the pool to children under the age of 5. Read carefully and to keep for further reference. It is recommended to install the fence at a minimum of 1 m away from the pool

Ban the presence of any fixe or mobile elements, on both sides of the fence at less than 1.10 m.

### FIXATION ONLY ONTO PAVEMENT, CONCRETE AND WOOD

**Draw** on the installation area taking in account the study supplied by the distributor. Arrange the sections. These sections are assembled together whether with a hook for the removable version of the fence or with junction part for the version onto base plate. The jig you must use to place the fence is the fence itself whether it is for the 30 mm removable version or the base plate version. Between 2 panels, let 6.5 cm space between the axis of the posts.

**Drill the pavement or the concrete with a 30mm drill bit x 140 mm depth.** In the cases of traditional drilling with percussion, it is necessary to evacuate the dust from the holes thanks to a vacuum cleaner. In case of drilling with diamond bit with water cooling, it is necessary to clean the zone of the drilling thanks to a scrubbing brush to evacuate the water and the dust. This operation is essential to position the sleeve easily and to make a successful anchoring in the ground.

Coat necessarily the sleeves of Fisher glue in cartridge and insert the sleeve into the 30 mm hole.

**Finish a section and begin a new section:** place the last post of your section and to measure a distance of 6,5 cm between the axis of posts. Mark the hole on the ground of the first post of the next panel: one hole for the removable version or two holes for the base plate version.

**Adjust:** according to your plan, it might be necessary to adjust and cut some panels. To realize this operation: see next page: ADJUSTMENT OF THE LENGTHS AND CUT OF THE RIGID BEETHOVEN PANELS

**Removable Beethoven version:** stick the sleeves and number the panels; to achieve your installation don't forget to verify the perfect anchorage of the sleeves in the ground. With a marker number the bottom of each post.

**Installation onto wood:** for the removable version, measure the depth between the soil and the wooden deck in order to cut the right length of PVC tube. Take care to add the thickness of the wood and 5 cm of tube to the space between the deck and the soil so that at least 5 cm of PVC tube can penetrate into the soil or the concrete under the deck. Make a 30 mm drill.

### Some advices for the installation:

**Safety hooks:** must be fixed on the inside of the fence (side pool). Junction part: must be fixed on the outside of the fence (garden side). A pre-drilling is already made onto the post to fix the hook or the junction part.. In case of difficulty, use with precaution a forest of 4 conceived for the metal.

### PRECAUTION

**Do not let of water stagnate into the sleeves. Drill on all the height of your screed so that the water can pass by. Access to the swimming pool: by the self-closing gate only.**

**Reminder: in case of opening of the fence, proceed to no operation of cleaning or maintenance of the bathing zone without having taken the precautions of supervision of the children.**

**Cleaning and maintenance:** just water. To clean the mesh or the binding, use a sponge. To clean the lower part of the posts: use a dry duster / cloth. Never use: abrasive products, bleach, ammonia. Solvent and other similar products are absolutely forbidden.

In accordance with its general conditions of sale PSE reserves the right to modify its designs without warning. This installation manual cannot be considered as contractual document.

### SECURITY ADVICE:

**It is recommended to check the operation of the closing system regularly. It is essential to replace any damaged components without delay. Only use parts approved by the supplier.**

# ADJUSTMENT OF THE LENGTHS AND CUT OF THE RIGID BEETHOVEN PANELS

**1 .** Measure the length you need to cut.  
Unscrew all the screws on the vertical post, on all the height of the side that you need to adjust.



**2 .** Unscrew the necessary quantity of screws on 2 horizontal bars in order to be able to pull down the net under the 2 profiles (top and bottom).



**3 .** Dislocate the parts in the angles.



**4 .** Cut the 2 horizontal bars to the desired length (with a hacksaw).



**5 .** Put back the net and relocate the parts in each angle. Screw back the screws on the 2 horizontal bars tightening carefully the net. It is imperative to screw a screw on the horizontal bar: 2 cms away from the angle (3.8 bit provided).

On the vertical post, replace the 1st screw on the top of the post, then the one on the bottom of the post, tightening carefully the net. Then re-screw all the screws on the length of the vertical post, tightening carefully the net.



**6 .** With a cutter, cut the net along the post. There will be not more braid on the adjusted vertical side but it won't affect the resistance of the net.



# Self-closing gates: Platinum, Easy et Kit Loc

## INSTALLATION AND ADJUSTMENT MANUAL

**The gate is fitted in a set of sections (consult your plan of installation).  
You must start the installation with the gate: lock always towards the pool**

The self-closing gates cannot be fixed on an angle because the tension exerts pressure on the uprights of the gate and the automatic closing mechanism cannot work. In this case you must allow for a 25 cm or a 50 cm rigid panel or a section in mesh equal to or greater than 1 ml from the angle to limit the tension caused by the mesh on the other sections installed on the width and length. As well as, if you wish to install a self-closing gate on a side angle or on a curve, it is necessary to add a rigid section of 25 or 50 cm to the right and to the left of the gate (see in our catalogue page 5) .

## The PLATINUM self-closing gate

**The PLATINUM self-closing gate** can be used with the flexible Beethoven in mesh or the rigid Beethoven drilling 30 mm. It is fitted between 2 sections and can be fixed nearby a wall, a section or a rigid panel.

**Draw the line.** Position the gate by aligning the central axis of the notches of the base plates. Remember: the overall width of the plates is 114 cm in the ground, there are 112 cm between the axis of the posts of the fence, central flap is 93.5 cm overall. Check verticality of the uprights with a level as well as the horizontality of the height of the structure. Draw on the ground the 4 drillings of the base plate and the first drilling for the post of the section in the notch.



**Drill 4 holes** per base plate according to the diameter of the plugs and 1 for the post of the Beethoven fence in accordance with  $\varnothing 16$  or 30 mm. The sleeve for the first post of the fence goes into the notch of the plate.

**Fix the gate: screws are not provided: we highly recommend stainless steel screws**

You must anticipate the type of ground and surface:

- Expansion plug in cast iron or brass  $\varnothing 8 \times 50$  mm
- Nylon plug for concrete  $\varnothing 8 \times 50$  mm or  $\varnothing 10 \times 50$  mm
- Nylon chemical plug for threaded rod  $\varnothing 8 \times 50$  mm to cut, nuts and washers



## The EASY self-closing gate

**The EASY self-closing gate** onto base plates or removable, with drilling 16 or 30 mm is compatible with the Beethoven in mesh or the rigid Beethoven. It consists of a central flap fixed between two 15.5 cm rigid panels. Delivered with four 14 cm long sleeves for the removable version or with 4 bases plates (screws are not provided) for the other version.

**Draw the line.** Position the gate by aligning it onto the rest of the fence. Remember: the width of the EASY is 130 cm between axis. Draw on the ground the holes of the 4 posts (removable version) or of the 8 holes for the 4 base plates (rigid version). Then draw the first hole of the fence at 6.5 cm between axis on the right and the left side of the gate.

**Fixing:**

➔ Onto base plates: screws are not provided. You must anticipate the type of ground and surface

- Expansion plug in cast iron or brass  $\varnothing 8 \times 50$  mm
- Nylon plug for concrete  $\varnothing 8 \times 50$  mm or  $\varnothing 10 \times 50$  mm
- Nylon chemical plug for threaded rod  $\varnothing 8 \times 50$  mm to cut, nuts and washers

➔ drilling  $\varnothing 30$  or  $\varnothing 16$  mm: in order to drill the pavement, mark the holes using the measures of the self-closing gate itself.

# The KIT LOC self-closing gate

The **KIT LOC self-closing gate** is only compatible with the rigid Beethoven fence onto base plates or with drilling 30 mm. It consists of a central flap (that must be fixed onto the post of a peripheral rigid fence) and of one 15.5 cm rigid panel.

**Draw the line.** Position the gate by aligning it onto the rest of the fence. Remember: the overall width of the Kit Loc is 110 cm between axis. Then draw onto the ground the hole of the 2 posts of the 15.5 cm large rigid panel (removable version) or of the 4 holes for the 2 base plates of the 15.5 cm rigid panels (version onto base plates). Then mark the first hole of the fence at 6.5 cm between axis of the gate.

## SET THE LOCK

Lock always towards the pool so that a child cannot cross a hand: the space left free between the frame and the post of the gate at the level of the button has to be 1.5 cm maximum. However if necessary, it is possible to widen the space adjusting the lock. In this case it is imperative to fix a plate of Plexiglas (supplied) outside on the post, using the supplied screws to avoid an attempt of opening by this space.

### Fixing:

➔ Onto base plates: screws are not provided. You must anticipate the type of ground and surface

- Expansion plug in cast iron or brass Ø 8 x 50 mm
- Nylon plug for concrete Ø 8 x 50 mm or Ø 10 x 50 mm
- Nylon chemical plug for threaded rod Ø 8 x 50 mm to cut, nuts and washers

➔ Drilling Ø 30 mm: in order to drill the pavement, mark the holes using the measures of the self-closing gate itself



### TENSION ADJUSTMENT OF THE HINGES

Use a screwdriver to take out the screw (and the cap) from the top of the hinge. Using the screwdriver, press on the spring adjustment mechanism and turn it as shown in the illustration to allow it to reposition itself in the required position in the hexagonal sleeve. Ensure that the tension is identical for the two hinges.

### SECURITY ADVICE: Read carefully and keep for further reference.

The swimming pool can be a serious danger for your children. Drowning can happen very quickly. Children close to a pool need your constant vigilance and your active supervision, even if they can swim.

A fence is not a substitute for good sense or individual responsibility. The aim of the fence is not a substitute for the vigilance of responsible adults who remain the essential factor for the protection of young children.

**CAUTION!** Security is only assured by closing and locking the means of access. If you are absent the means of access must be definitively closed.

Take every precaution to prevent young children having access to the pool when the fence or access is under

repair or not working correctly or during dismantling of the fence which will prevent security.

The presence of a parent or responsible adult is indispensable when the pool is open.

Make sure there is nothing close to the fence which could encourage or facilitate climbing the fence.

The closure to the access for automatic gates should be regularly checked.

Learn the moves which save, memorise and display the telephone number of the emergency services close to the pool



Thanks to its openwork design (fine mesh) no danger of it being detached or torn by the wind.

Thanks to its PVC properties (at compared with textile products) no marks and also thanks to its openwork no maintenance because no deposit can build up.

Made to measure, any sizes, square or rectangular, fits all supports.



# Solar cover

## FOR PERGOLAS

This cover made with very fine mesh creating a solar screen but allowing ventilation so no sauna effect.

Beige and cream color harmonizing with the environment.

Color long life spend without visual change.



Polyester mesh coated  
Beautiful finish with, stainless steel eyelets every 30 cms  
White fixing rope supplied



### Made to measure.

Polyester mesh coated

Treated anti ultra violet

Product quality: 3 tons / square meters resistance

Doesn't lose its shape, doesn't warp



PISCINE SÉCURITÉ ENFANTS