

INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS FOR USE



(to be read carefully and kept for future reference)

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Watch the video to
make assembly even
easier!



Scan the code or come and
visit us at Pistoche.fr



1 - EVERYBODY INTO PISTOCHE!

1.1 - GENERAL DESCRIPTION

Pistoche is designed for private use only, and more specifically, for young children to swim and splash around.

The pool is comprised of a wooden structure, with lacquered aluminium edging, waterproofed by a plasticised PVC liner, 0.5mm thick.

It is fitted with a cover made of reinforced PVC coated material, 450 g/m², mounted on an automatic self-winding roller integrated into the structure. When deployed, the cover is fastened in position on all four sides, by the roller abutment on one side and by a clever system of locking grips located under the hinged coping on the other three sides.

The cover performs the following functions:

- Secures the pool while it is not in use (**Nota Bene: this cover does not comply with the French safety standard NF P 90-308, which is specific to in-ground, or partially in-ground, private family pools and does not concern paddling pools**).

- Keeps water clean (vegetation, insects, etc.)
- Limits loss of water due to evaporation
- Inhibits the growth of algae (due to its opacity)

It is also equipped with a space saving filtration system that sits into a corner of the pool. The height of the filtration system can be adjusted to a water depth between 40 cm and 58 cm.

Pistoche pools are not designed to be dismantled at the end of the pool season. Nevertheless, given its small size and light weight when empty, it can be lifted easily by 2 adults and moved into storage in a shed or a garage.

The wooden structure is made of Northern red pine and spruce sourced from sustainably managed forests, the wood supply chain is PEFC certified.

The wooden parts are core treated against rot:

- The vertical wall slats are 28 mm thick and are class III treated.
- The bottom planks (slats in contact with ground) are class IV treated for better protection against humidity given their position.

However, despite this treatment, the wooden structure should not be sunk into the ground, even partially. It must be placed on the ground. Failure to respect this instruction will cancel the guarantee against wood rot.

In addition, the wood stabiliser enclosed with the pool prevents cracking and splitting at the ends of the slats. However, wood is a natural, noble but "living" material. Imperfections (knots, seams, cracks etc.) and the effects of time on its living structure (resin beading, colour changes, greying, slight deformations, etc.) cannot be avoided.

1.2 - PISTOCHE TECHNICAL DATA

Foot print: 2.3 m x 2.3 m

Overall height: 0.68 m

Water volume for a water depth of 58 cm: 2320 litres

Total weight with a water depth of 58 cm: 2270 kg

Integrated pump and cartridge filter: flow rate 2 m³/h, powered by a 230 V / 12 V AC power supply to the filtration system by a 5 m cable.



2 - SAFETY



2.1 - IMPORTANT

Never allow your children into the pool without the active surveillance of a responsible adult

Do not allow your children to jump or dive into the pool from the coping or from any other structure

Remove any toys from the pool while it is not in use (children could try to retrieve them while you are not watching)

Deploy the integrated cover over the pool while it is not in use

Never allow your children to use the cover as a trampoline or a sun lounger

Never close the cover while a child is in the pool

If pool chemicals are being used to treat the water:

- follow the manufacturer's instructions very carefully;
- never add chemicals to the water while the pool is in use;
- make sure that the pool chemicals (solids) are totally dissolved, and run filtration for at least one hour before allowing children into the pool to ensure that the chemicals are completely mixed into the water;
- store chemicals out of the reach of children, preferably under lock.

If you want to add an additional means of access to your Pistoche pool (steps, ladder), choose one that can be "locked" (to prevent access while the pool is not in use), failing this move the means of access away from the pool.

Only use the original filtration system, never try to adapt any other filtration system to your Pistoche pool. This could create a risk of entrapment of bathers due to the pump's suction force.

Do not allow your children to climb on, or sit on, the filter.

Electrical hazards:

- The filter power supply must be more than 3.5 m from the pool
- check the power cable and the cable between the filter and the power supply regularly for damage, and replace them immediately if they are damaged (cut, pinched, worn, etc.)
- never submerge the filter transformer in water
- never bring a device powered by a voltage greater than 12 V closer than 3.5 m to the pool. For installations outside France, refer to the regulations in effect in the country of installation.

Educate your children about the dangers of disregarding safety rules.

3 - PREPARATION

3.1 - PISTOCHE PACKAGING AND STORAGE

PACKAGE NO.1 (BOX) :

Dimensions: 0.4 m x 0.4 m x 0.6 m

Weight: 10 Kg

Contents:

- Liner
- Filter
- Screws and bolts (with extras)
- Fastening components
- Underlay
- Installation instructions
- Self-adhesive safety label for the aluminium edging
- Wood stabiliser to prevent cracking and splitting



PACKAGE NO. 2 (PALLET) :

Dimensions: 2.30 m x 0.61 m x 0.45 m

Weight: 150 kg

Contents:

- Wooden structure
- Cover pre-mounted on its roller
- Liner locking track profiles



The wooden parts are strapped together. Do not undo the straps until you are ready to build the structure. Before assembly, the wood package must be stored sheltered from the rain and sun.

48 hours before assembly, cut the ties holding the wooden slats and coping together and allow them to dry, without exposing them to direct sun light. This will facilitate assembly.

Before beginning assembly, check that all the Pistoche pool components are present.

Once assembly has begun, it should be completed as quickly as possible to avoid any deformation of the parts.



3.2 - PISTOCHE - LIST OF PARTS

PACKAGE 1/2

101	Annular grooved nails 2.5x60	Qty: 24	102	Countersunk screws 5x60	Qty: 130	103	Countersunk screws 4x35	Qty: 8
104	Countersunk screws 4x20	Qty: 18	105	Round head screws 4x20	Qty: 50	106	Torx screws 6x25	Qty: 16
107	Countersunk screws 3.0x25	Qty: 4	108	Round head screws 4.2x19	Qty: 16	109	Countersunk screws 4.2x9,5	Qty: 6
110	Round head screws 4.2x9.5	Qty: 8	214	Hung PVC 15 cm	Qty: 6	220	Corner trim	Qty: 4

! In case of damage to the screws, extras of some screws are provided

FILTRATION

300	Filter base	Qty: 1	301	Filter pump	Qty: 1	302	Filter body	Qty: 1
303	Filter cartridge	Qty: 1	304	Filter support guide	Qty: 1	305	Adjustable filter hood	Qty: 1
306	Skimmer lid	Qty: 1	307	Skimmer guide	Qty: 1	308	Skimmer grate	Qty: 1
309	Suction cup	Qty: 2	310	Polystyrene wedge	Qty: 8			
221	Safety label	Qty: 1	400	Roller flange	Qty: 2	401	Tensioning hook	Qty: 2
402	Centering shoe	Qty: 8	403	Cover pit bracket	Qty: 2	404	Safety stop	Qty: 6
500	Liner	Qty: 1	501	Corner block	Qty: 4	502	Underlay	Qty: 1
503	Wood stabiliser	Qty: 1	601	Left-hand blocking coping plug	Qty: 2	602	Right-hand blocking coping plug	Qty: 2
603	Left-hand coping plug	Qty: 2	604	Right-hand coping plug	Qty: 2	606	Warning label	Qty: 2



PACKAGE 2/2

200	Wall slat 2203x68x28 mm female	Qty:	2	201	Wall slat 2203x77x28 mm male	Qty:	2
202	Wall slat 2130x145x28 mm female	Qty:	2	203	Wall slat 2203x145x28 mm	Qty:	14
204	Bottom plank, class IV pine 2204x132x28 mm	Qty:	4	205	Counter edging 2076x86x28 mm	Qty:	3
206	Roller pit plank 2203x127x28 mm	Qty:	1	207	Roller pit bottom plank 2187x74x28 mm	Qty:	1
208	Vertical pine reinforcement 634x86x58 mm	Qty:	6	209	Vertical pine reinforcement 535x86x58 mm	Qty:	2
210	Finishing strip 584x17x44 mm	Qty:	6	211	Finishing strip 485x17x44 mm	Qty:	2
212 A	Lacquered aluminium coping 21228 x 145 x 32	Qty:	3	212 B	Lacquered aluminium coping pour coffre 21228 x 145 x 32	Qty:	1
213	Hung PVC 1688 mm	Qty:	3	215	Hung PVC cover pit exterior 1988 mm	Qty:	1
216	Hung PVC cover pit interior 1988 mm	Qty:	1	217	Small corner batten 480 x 96 x 34	Qty:	2
218	Large corner batten 607 x 96 x 34	Qty:	2	405	Roller with cover	Qty:	1

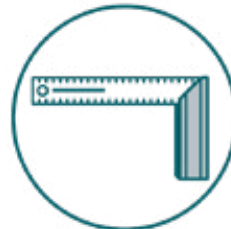
3.3 - INFORMATION PRIOR TO ASSEMBLY

Number of people required for assembly: 2 people

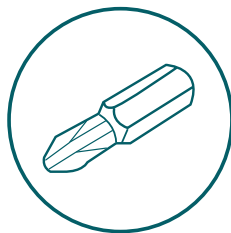
Time required by 2 people: 6 hours



Tools needed to build the structure and accessories:



Rubber or wooden
mallet



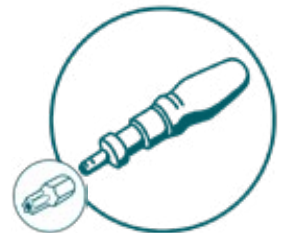
Cross head bit
POZI Z2



Wood drill 4 mm



torx bit
T-20 - T-25 - T-30



Tools required to prepare the ground if the pool will be installed on natural ground:

- Rake, spade, wheel barrow, spirit level, compaction roller
- Consumables that may be required: sand

Nota bene: The day before installation, the liner should be stored at between 15 and 25°C so that it is pliant enough but not too pliable. Only bring it outside when you are ready to fit it.

Explanation of the pictograms that feature in this document:



Operations to be performed on
the roller pit side.



Operations to be performed on **the side opposite the roller pit** and on the sides adjacent to the roller

Should you encounter any technical difficulties while assembling your pool, the PISTOCHE hotline is available from the Pistoche.fr internet site (bottom right of the home page).

3.4 - SELECTING THE INSTALLATION SITE

The installation site should be selected with regard to the following:

- Pistoche should be visible from living areas in the home;
- If Pistoche is installed on natural ground, make sure that the site is not infested by termites or other wood eating insects;
- To avoid premature degradation of the bottom of the wooden structure, rain water should not be able to accumulate and stagnate around Pistoche (if water is likely to stagnate around the pool, create a drainage system);
- To prevent falls, the area around the pool should not become slippery when wet (bad weather, splashing);
- Leave enough space (60 cm minimum) around Pistoche to allow the coping to be opened.

The ground underneath Pistoche must be perfectly:

- Flat, stable, and should remain so over time (no subsidence or deformation);
- Perfectly horizontal, so that water pressure is not higher in some areas of the structure than others;

Failure to follow these instructions may cause the cover locking system to malfunction.

If Pistoche is installed on a balcony, a raised terrace, or some other support that does not bear down on the ground through the whole of its surface area, check that the structure will bear the total weight of Pistoche, water and the users.

3.5 - PREPARATION OF THE SITE IF PISTOCHE IS TO BE INSTALLED ON NATURAL GROUND

Trace the outline of Pistoche on the ground;

Level and smooth the surface, remove any protruding objects (stones, roots, stumps, etc.);

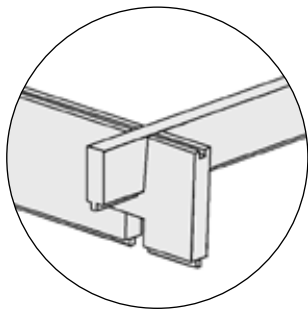
Compensate for any soil removed during the previous step by adding sand, or gravel topped with a layer of compacted, levelled sand 5 mm thick.



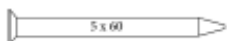
4 - ASSEMBLY

4.1 - BUILDING THE PISTOCHE STRUCTURE

201	×2
203	×2
204	×4

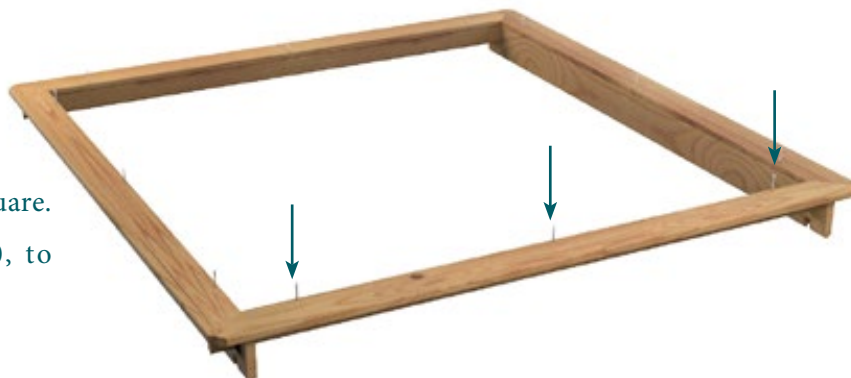


102	×12
-----	-----



Make sure that the four corners are square.

Use 12 countersunk screws, 5x60, to assemble the base.



220	×4
106	×16



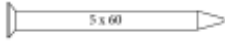
Screw a metallic reinforcing plate onto each of the four corners.





208	×6
209	×2
102	×16

Check that the bottom planks (204) and vertical reinforcements (208 and 209) are square, then screw them together.



IMPORTANT: Two of the braces are shorter than the others and should both be positioned on one of the sides that has a full vertical slat (203). The cover pit will be located on this side.

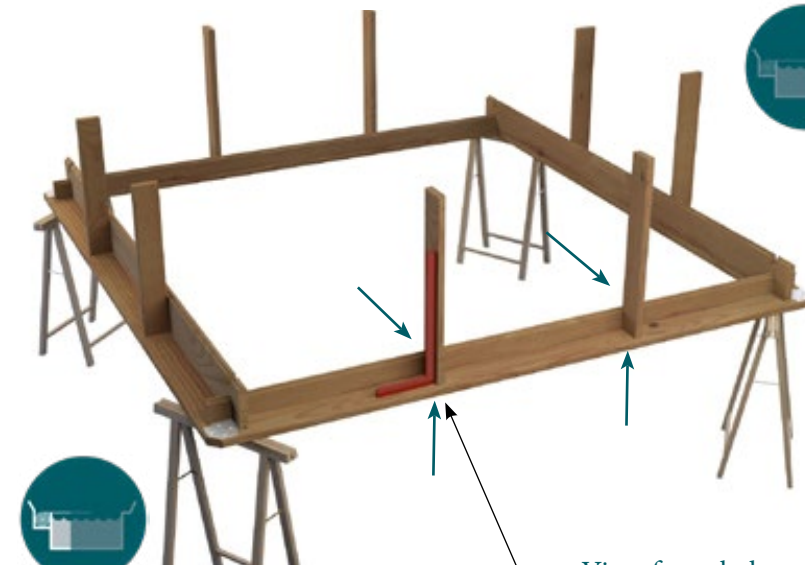
The reinforcements have a specific orientation:

Interior
of the
pool



Exterior
of the
pool

*Side opposite
or adjacent to
the cover pit*



Cover pit side

View from below:



203 ×4



203 ×8
202 ×2



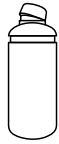
200 ×2



Once all the slats have been assembled, make sure that they are correctly interlocked. A martyr block is not required because the slats have only one groove and can be fit together without forcing.



Make sure that the vertical reinforcement are square (208 and 209) with respect to the bottom planks (204).



503 ×1

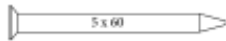
Using a brush, paint the ends of the planks in each of the four corners with wood stabiliser to prevent cracking and deformation over time.

This product appears white when applied but turns colourless when dry. It takes 2 to 3 hours to dry. Apply a second coat if temperatures are high or if the product dries too quickly.

Follow the safety instructions printed on the container. Rinse the brush with water after use.

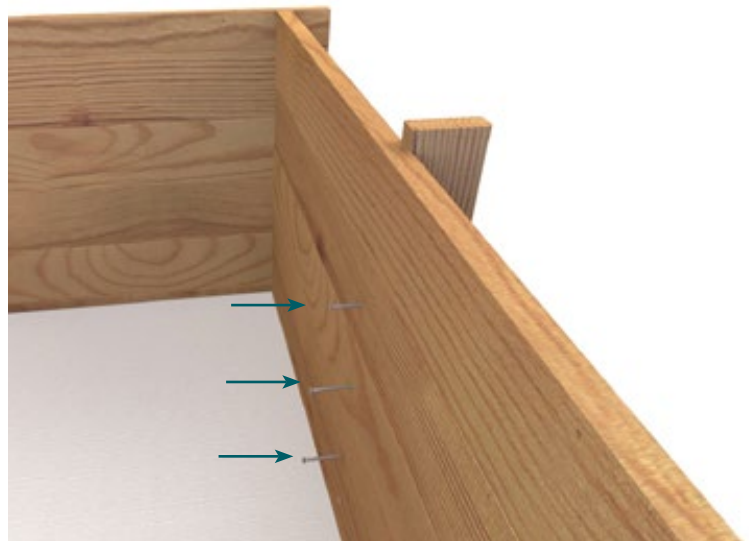


102 ×20



On the cover pit side, screw the 2 bottom slats into position. On the other three sides, fasten the bottom 3 slats into position.

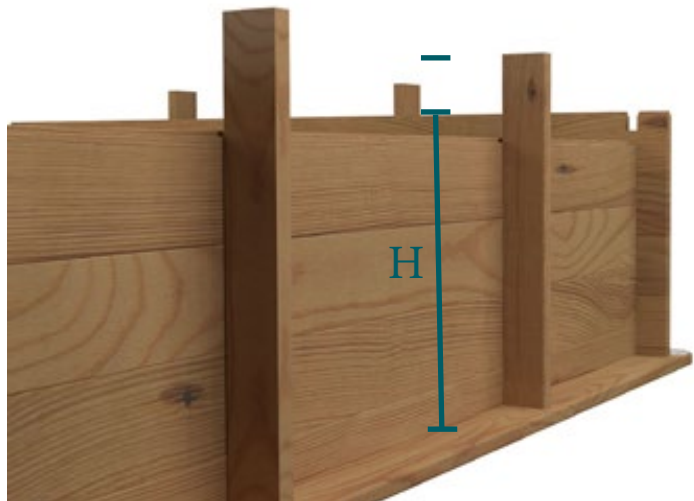
Make sure that the screws are inserted deep enough to avoid damage to the liner afterwards.





Measure the height H on each of the 4 sides of Pistoche pressing firmly on the top slat to hold it in position.

Wood is a living material. This means that the height H can vary from one Pistoche to another. This is why you are asked to trim the reinforcements yourself, so that they sized as exactly as possible to ensure optimal assembly.



208 ×6

Trim the 6 taller reinforcing braces (634x86x58 mm):

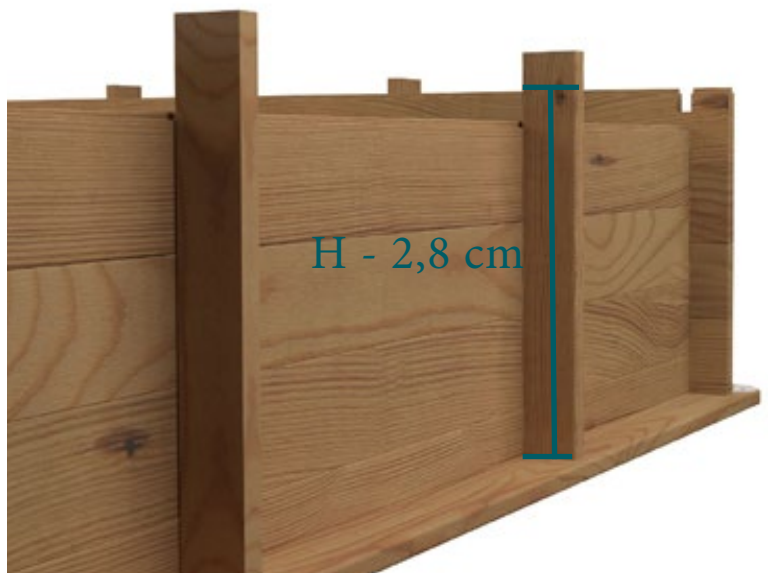
Remove the top slat (203).



Mark the height H minus 2.8 cm around the circumference of each of the 6 reinforcing braces.

Given that wood is a living material, H may vary slightly.

Trim the 6 reinforcing braces.



209 ×2

Trim the 2 short braces (535x86x58 mm) :

Remove the top half-slat (200) and the first full slat (203).



Mark the height H minus 12.7 cm around the circumference of each part.

Trim the 2 reinforcing braces.

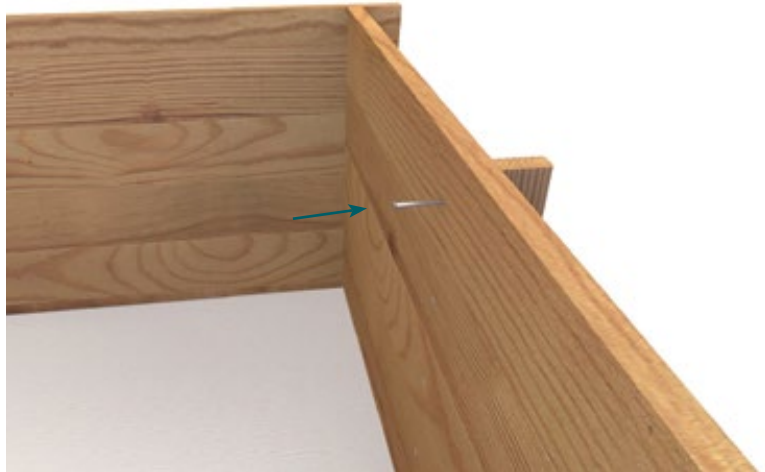




102 × 12

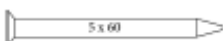


Once the slats have been reassembled, make sure that they correctly interlocked before screwing the top slats into position.



205 × 3

102 × 15

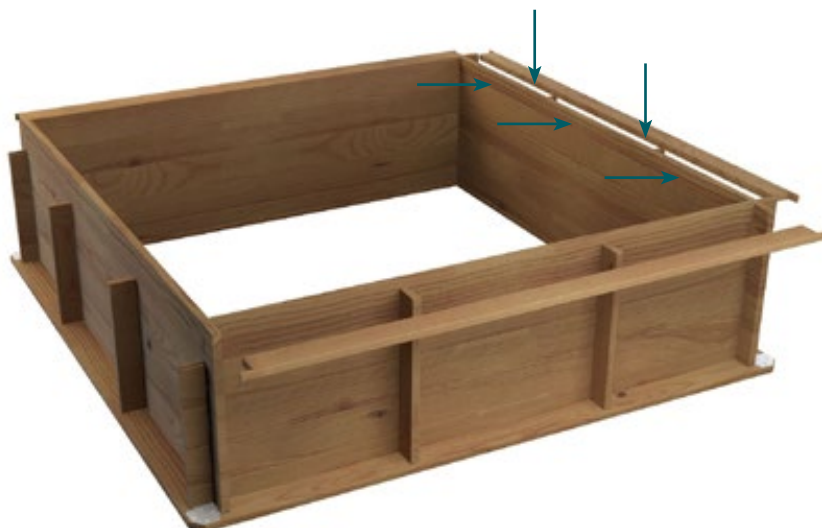


Make sure that edging support is flush with the upper surface of the top slat:



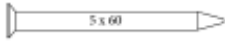
Attach the vertical slats and vertical reinforcements to the coping support edging using 5 screws (102):

- The three holes used to attach the slat (203) to the edging support (205) are pre-drilled.
- Pre-drill the coping support edging (205) before inserting the two vertical screws.



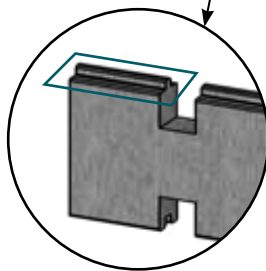


207 ×1
102 ×7



Drill seven holes in the bottom plank of the roller pit (207), before inserting the 7 retainer screws.

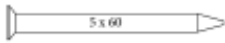
Drill four holes in the edging support slat (205) and screw it to the vertical braces (209) and the ends of the slats (203).



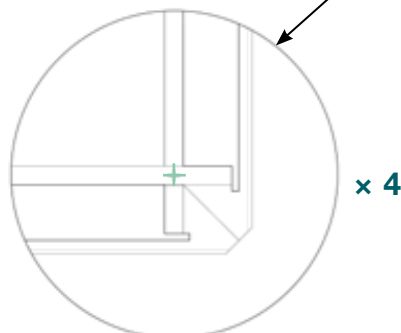
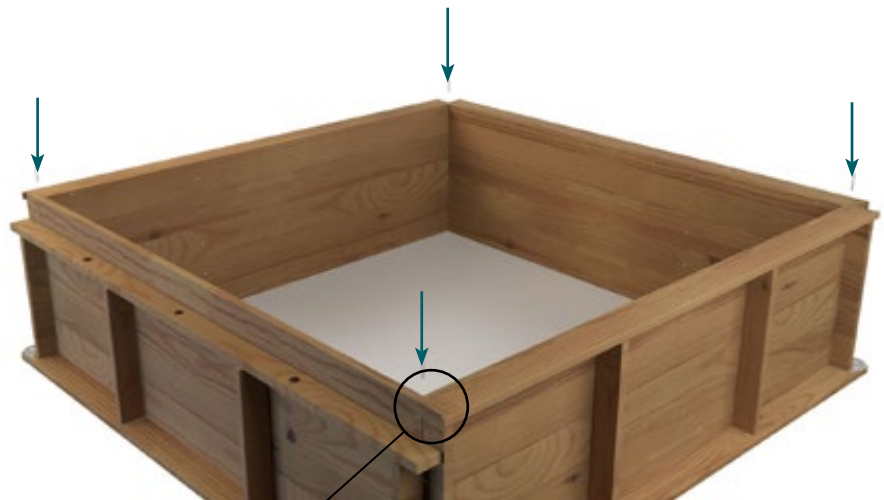
Inserting screws into the ends of the coping support slats can cause the slat tongues to split.

This will not alter the structural integrity or aesthetic appeal of the product.

102 ×4



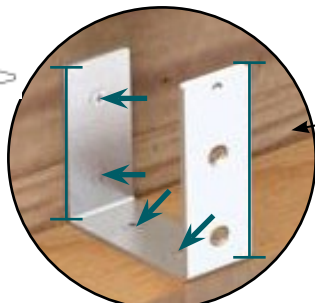
Block the structure together using 4 screws (102)



4.2 - ASSEMBLING THE PISTOCHE ROLLER



403 ×2
104 ×8



400 ×1

103 ×3



Do not remove the pin before the last step described on page 21.

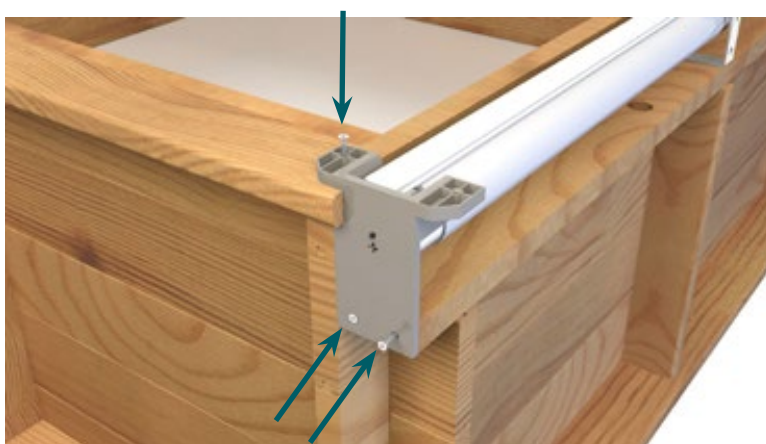


405 ×1






400 ×1

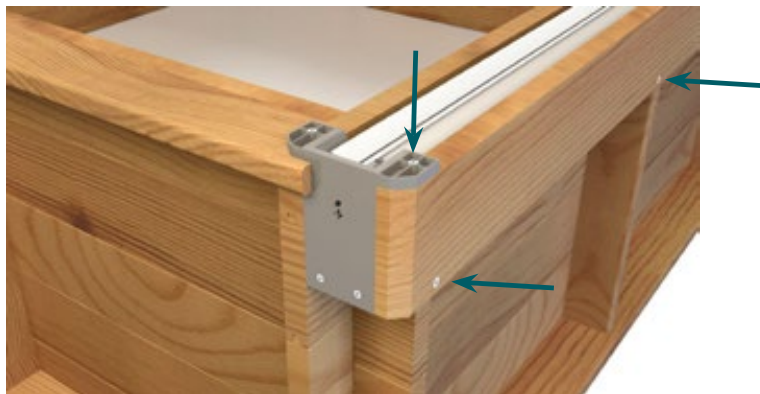
103 ×3





Fasten the brackets (403) to the rear roller pit plank by inserting screws (104) from the outside of the roller pit.


206	×1	
102	×4	
103	×2	
104	×2	



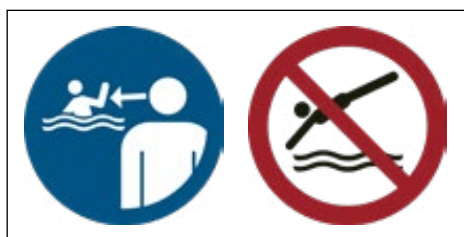
217	×2	
218	×2	
102	×40	

Screw the two small 48 cm corner battens into position on the roller pit side, and the two large 60.7 cm corner battens into the corners on the side opposite the roller pit.

To do this, use a 4 mm wood drill bit to pre-drill the ends of the slats in the centre, then screw the battens to the ends of the slats using 5 x 60 (102) countersunk screws. Use one screw per slat, that is 10 screws per batten.

221	×1	
107	×4	

Apply the safety label to the wall of the PISTOCHE pool, in a place where it is easily visible to all.



105	×8	
-----	----	---



Nail on the finishing strips .

210	×6
211	×2
101	×24



The finishing trim must be mounted to prevent deformation of the ends of the slats that could be caused by exposure to sunlight.



214	×6
105	×18



Position the 6 15 cm hung locking track pieces:

- against the vertical pool slat (see diagram 1)
- 6 mm from the perpendicular wall (see diagram 2)

diagram 1

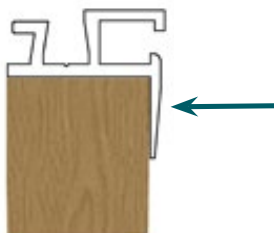
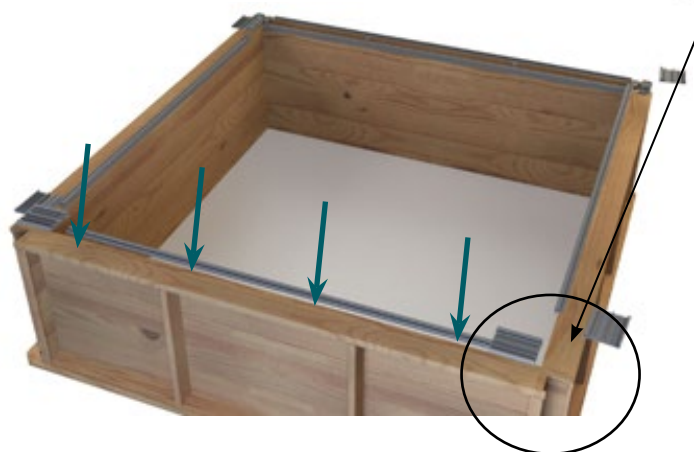


diagram 2



6 mm



Position the three 168.8 cm hung locking track pieces:

213	×3
105	×12



- against the vertical pool slat (see diagram 1)
- between the 15 cm hung locking track pieces mounted during the previous step

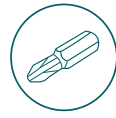


215	×1
216	×1
105	×8

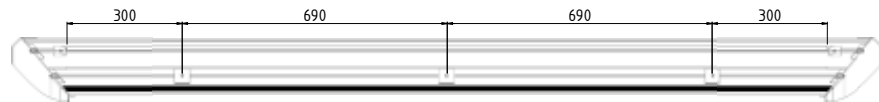


On the roller pit side, centre the inside (216) and outside (215) hung locking track pieces positioning them 107 mm from the roller flanges (400).

4.3 - ASSEMBLING THE COPING



212-A	×2
404	×6
109	×6



Coping, sides adjacent to the roller pit:

Mount three safety stops (404) on each coping at the exact positions shown on the diagram above. Use one cross head countersunk screw 4.2 x 9.5 (109) per stop.

Safety stops must be positioned such that

- the screw fits into the groove
- the edge of the stop should press against the central ridge of the coping so that the stop cannot rotate around its screw.

601	×2
602	×2
108	×8



Push in the left-hand blocking plug (601) and the right-hand blocking plug (602) into each side of the aluminium copings (212-A), and screw them into position using 2 screws (108) per plug..



212	×2
603	×2
604	×2
108	×8



Coping on the pit wall side and the side opposite the roller pit:

Push the left-hand plug (603) and the right-hand plug (604) into position on each side of the coping on the roller pit side (212-B) and the remaining coping 212-A. Use two screws (108) per plug, take care not to overtighten.



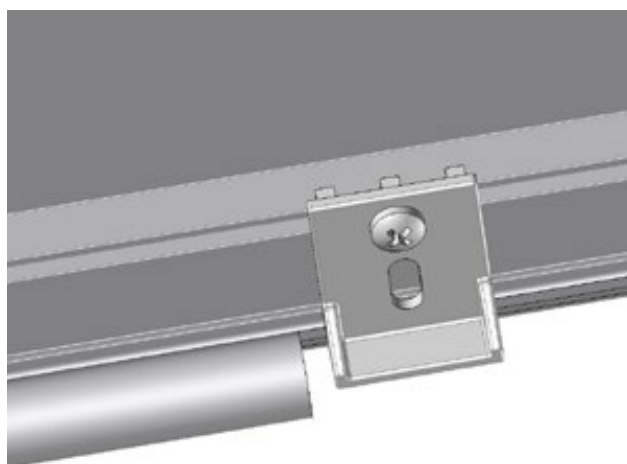


Slide the aluminium coping modules (212-A) onto the PVC Hung locking track (15 cm) and slide the coping module 212-B onto the 199 cm Hung locking track on the roller pit side. Take care to centre the coping module on their supports.



Screw the coping centring shoes (402) into position, inserting a round head screw 4.2 x 9.5 (110) into the slot on each shoe to stop the coping from sliding from side to side. To do this:

- The shoe must be positioned opposite the hinge, and press against both the aluminium coping (212) and the PVC Hung locking track.
- The screw must fit into the groove in the coping that is closest to the hinge.
- On the roller side, the three spurs on the shoe must press against the highest exterior wall of the groove.
- On the other three sides, the central spur of the shoe must fit into the groove, and the other two spurs should be located on either side of the groove so that the shoe cannot rotate around its screw.



Close the coping modules to check their position. Move the shoes if necessary by adjusting the position of the screw in the slot.

Apply the warning label that states that the aluminium coping may become very hot when the sunlight is very strong to two of the four coping modules.

Pull out the pin to release the roller.
Keep it in a safe place for future use.



4.4 - FITTING THE LINER AND THE UNDERLAY



218 ×1
500 ×1



IMPORTANT: The surface underneath the underlay should be clean and free of any roughness or foreign bodies, even

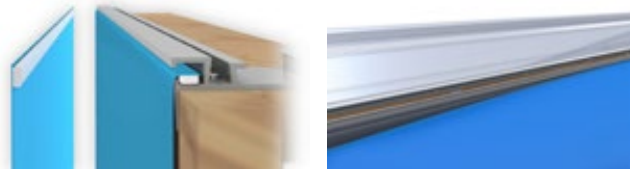
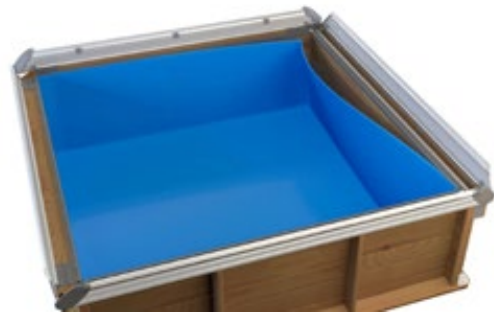
tiny bumps will be visible because of the pressure that water exerts on the liner.

Clean out the pool, then lay the liner inside the pool and unfold it, taking care to ensure that it lines up with the corners. Smooth out any creases.

The liner's vertical weld should be positioned in a corner opposite the cover pit and should be hidden by the filtration system for aesthetic reasons: start attaching the liner at this corner.

Translucent beading is welded to the top of the liner on the surface facing to the outside of the pool. It serves to hold the liner in position.

Push the translucent beading fully into the groove of the PVC hung liner locking track (213 and 216) and proceed like this around the entire periphery of the pool taking care to exert the right amount of tension on the liner.



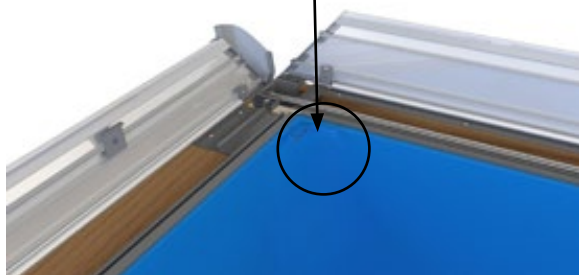
IMPORTANT: Do not slide the liner along the locking track to reposition it, this could tear the liner. Pull it out of the track and reinsert it in the correct position.

Flatten the liner against the floor of the pool and push it into the horizontal and vertical corners to smooth out creases as much as possible. Do not fill the pool while creases remain.

501 ×4

The corners blocks (501) are used to block the liner in position in the corners of your Pistoche pool.

The corner blocks are not designed to be dismantled. They should only be put in position after the liner is correctly positioned



Fill the pool with water to a depth of between 40 cm and 58 cm.



Caution: a water depth greater than 58 cm can cause gapping of the top slats and thus damage to the wooden structure.



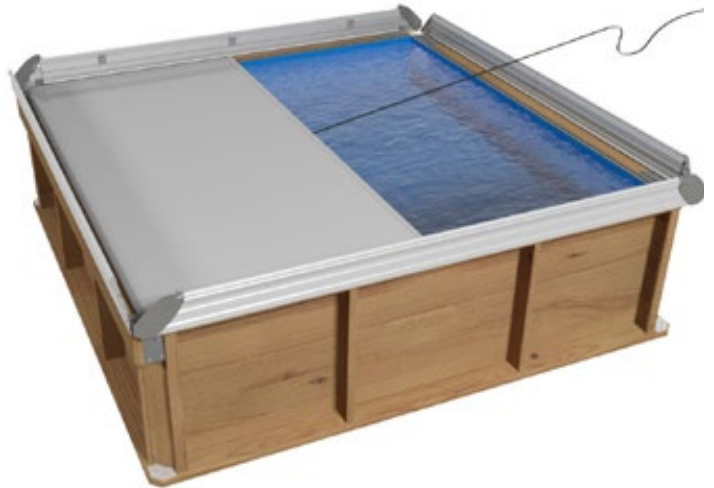
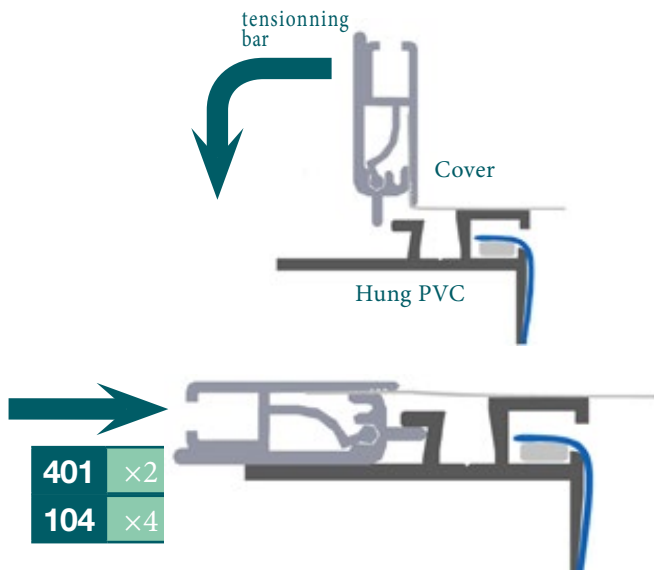
While the pool is filling, assemble the filter (page 25).



4.5 - MANIPULATING THE COVER AND THE COPING

Rolling the cover out

Close the cover: to do this, open all the coping modules, take hold of the roller strap and walk around your Pistoche pool to place yourself on the side opposite the cover pit. Pull the strap, then position the tensioning bar along its length as shown in the diagrams below:



For each of the two hooks:

- Insert the tongue of the hook into the hole provided for that purpose in the cover;
- exert tension on the cover by pulling on the hook until the edge of the cover is taut;
- fasten the hook in this position. The vertical part of the hook is not necessarily in contact with the wood.

The slots in the cover must align with the PVC Hung locking track (213) such that the safety stops fit into these holes and then into the groove of the PVC locking track when the copings are closed.

If they do not align correctly, check that the walls of your Pistoche pool are perpendicular with each other.



CLOSING THE COPING

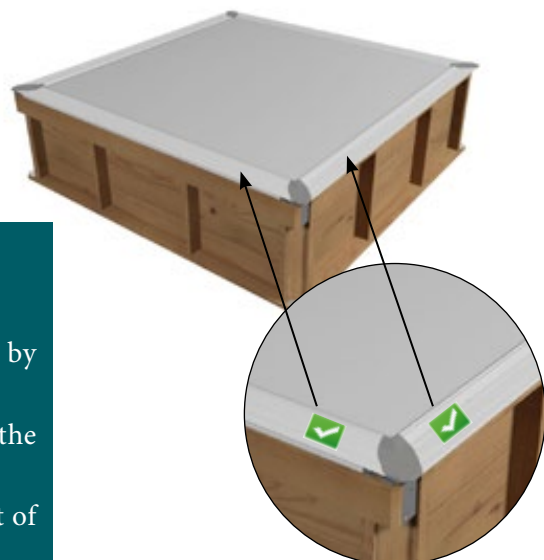
Lay the cover strap along the tensioning bar.

Close down the coping on the cover pit side first, followed by the coping on the side opposite the cover pit.

Then close down and lock the 2 other copings adjacent to the cover pit side.

To lock the copings, push down on both ends with the flat of your hand until you hear a click.

Pull the coping upwards to check that it is locked in position.



OPENING THE COPING

To open the coping, push it towards the inside of the pool with your leg, and while maintaining this pressure, pull the coping up.



ROLLING OUT THE COVER

Open the two copings adjacent to the cover pit, then the coping opposite the pit, and finally the coping on the cover pit side.

Swivel the tensioning bar to release it from the PVC hung locking track.

Accompany the cover as it is rolling up such that it does not come in contact with the water.



Important: never completely release the cover to roll it up, this could tear the cover.



If the cover does not roll up completely, unroll the cover and roll it up again. If this problem persists, check that the water is not more than 58 cm deep.

606 x2

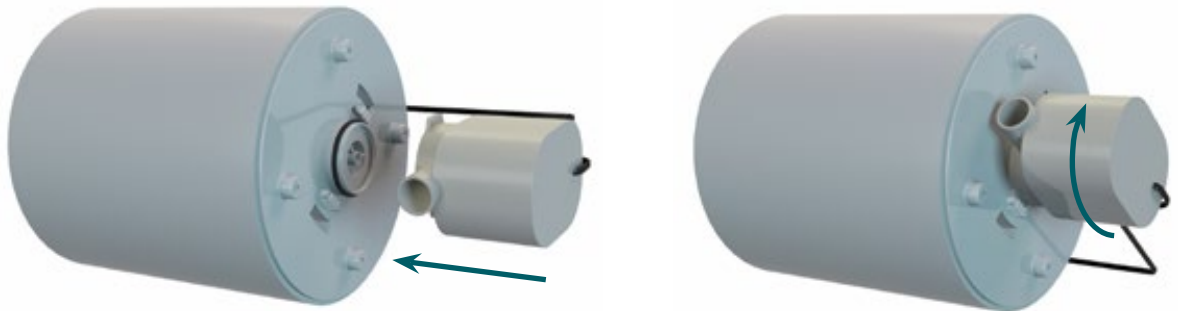
Apply the 2 safety labels to two of the aluminium copings.



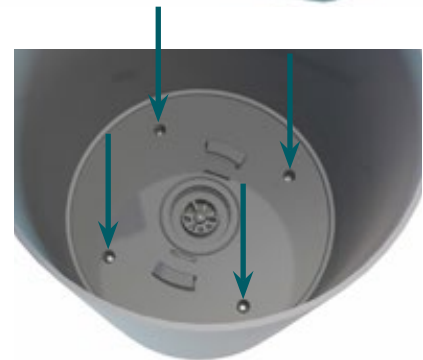
4.6 - ASSEMBLING THE FILTER

301 ×1
302 ×1

Mount the filtration pump (301) on the body of the filter (302) by pushing on the bottom and twisting one quarter turn.



300 ×1
105 ×4



Attach this filter/ pump assembly to its base (300) using 4 screws (105). Make sure that the pump cable is protruding through the back of the base.

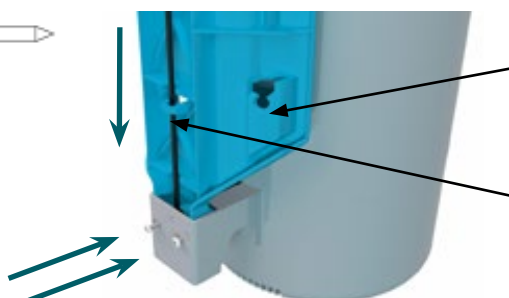
303 ×1

Fix the filtration cartridge (303) in place inside the filter body by twisting one quarter turn.



Fasten the filter support guide (304) to the bottom of the filter (300) using two screws (105).

105 ×2
304 ×1
309 ×2



Insert the suction cups into the 2 openings on the bottom of the support guide.

Hang the electric cable on the hooks to the rear of the guide (304)

305	×1
307	×1



Mount the skimmer guide (307) on the filter hood (305) by twisting one quarter turn.

306	×1
308	×1
310	×8

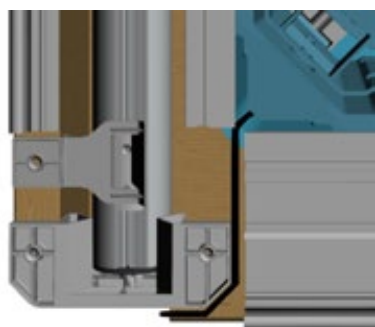


Clip the grate (308) onto the skimmer lid (306). Insert this assembly into the skimmer guide (307) previously mounted on the hood (305).

Depending on the water depth, put 4 to 8 polystyrene blocks (310) in position by pushing them onto the pikes underneath the lid (306).



Slide the hood (305) over the filter body (302). such that the filter support guide (304) is trapped by the rear section of the hood (305).



Lower the filter into the water, lean it over slightly to evacuate any air trapped in the filter body, then position it in one corner of the Pistoche pool, clipping it onto each side of a corner block (501).

Push the suction pads against the liner to hold the filter in place. If the filter is inclined to rise to the surface or turn over, make sure that it does not contain any trapped air. It may be necessary to raise the water level in the pool by a few centimetres.

Position the pump cable as shown in the figure opposite so that it does not interfere with closing of the pool coping



water depth 40 cm



water depth 50 cm



water depth 58 cm

Depress the tongue to release the filter and adjust its height. Three positions are possible corresponding to three water depths:

5 - FILTRATION AND WATER TREATMENT

Once your pool has been filled with water, the water will tend to become dirty and the water quality will deteriorate because of pollution introduced by bathers (bodily secretions, but also twigs, grass, earth, sand, etc. stuck to their feet or their skin), as well as contaminants deposited by the wind (leaves, petals, pollen), and insects.

The pool water should be replaced regularly. The frequency of renewal will depend on the water temperature, the bather load, the length of the daily filtration cycle and the extent of use of pool chemicals.

Filtration slows the natural deterioration of water by trapping tiny solid contaminant particles (from a few millimetres down to tens of microns).

The length of time that filtration should be run each day will mainly depend on the level of water pollution, and on the water temperature. As a guideline, during periods of daily use, the following minimum filtration times are recommended:

Water temperature	Minimum filtration run time
20°C	5 hours/ day
25°C	8 hours/ day
30°C	12 hours/ day

These recommendations have been established for the original filtration system that comes with your

Pistoche pool; for safety reasons we strongly advise against adapting any other filtration system to your Pistoche pool.

IMPORTANT: the cartridge equipping the filter is not compatible with the use of flocculants (liquid chemicals formulated to remove the tiny particles suspended in the water that would not otherwise be trapped by the filter).

However, filtration alone will not completely eliminate the health risks posed by the growth of bacteria, fungi, etc. To keep water clean for as long as possible and reduce the frequency of water renewal, the water will need to be treated with chemicals.

The Pistoche pool chemical kit (available as an option) comprises:

- A disinfectant that destroys bacteria and viruses (three litre of liquid chlorine per kit);
- a chemical that impedes the development and growth of algae (1 litre of algicide per kit);

Refer to the instruction booklet enclosed with the kit for information concerning the dosing frequency, and quantities, for each chemical to be added. Take care to respect these. We will not accept responsibility for damage caused by using other pool chemicals without the advice of a pool water treatment specialist.

6 - EQUIPMENT MAINTENANCE

6.1 - CLEANING AND REPLACING THE FILTER CARTRIDGE

Check the condition of the filtration cartridge regularly (**at least once a week while Pistoche is in use**) if necessary clean it as follows:

- 1) Stop filtration by disconnecting the electrical supply;
- 2) Remove the lid to access the cartridge;
- 3) Remove any large objects by hand before removing the cartridge;
- 4) Clean the cartridge using a jet of water and a soft brush between the folds;
- 5) Reassemble the filter by carrying out the operations in the reverse order.

If the cartridge remain dirty despite cleaning, replace the cartridge with a new, identical cartridge. Do not try to adapt a different cartridge to the filter.



Excessive clogging of the filter cardtridge will create resistance to suction and could cause the pump to stop working, or even run dry. Malfunctions caused by running te pump dry are not covered by the guarantee.

6.2 - CLEANING THE COVER

Clean the cover with a water jet and soap or a liquid detergent, and a soft brush. Do not use solvents or abrasive products.

IMPORTANT: The cover features small holes that allow rain water to drain through so that it does not accumulate on the cover. Make sure that they do not become blocked by debris.

6.3 - WOOD MAINTENANCE

Inspect the accessible surfaces of the wooden slats regularly for splinters. Remove them if found.

To preserve the wood's initial colour, simply apply a colourless stain at regular intervals. You may alternatively use a colour stain, or colourless oil to nourish the wood and slow discolouration.

Before applying the treatment, make sure that it is micro-porous and will allow the wood to breathe.

Do not apply the product on areas in contact with the liner, it could migrate through the liner and stain it.

Also, for the same reason, take care not to apply too much product at the slat joins.

6.4 - LINER MAINTENANCE

Given that the liner is exposed to sunlight and water disinfection oxidising products, slow and gradual discolouration is inevitable.

This phenomenon will be accelerated and exacerbated if the water pH is too low (less than 6.8 for chlorine), or if excessive quantities of disinfectants are used.

If conditions are really extreme, creases could appear in the liner and it will lose its elasticity.

On the other hand, if the pH is too high (pH > 7.8

for chlorine), the disinfectant power of the oxidising products will be severely reduced, or even lost, thus allowing the growth of micro-organisms.

Therefore, it is important to:

- measure the water's pH regularly, and keep it between 7 and 7.5;
- take care not to overdose the pool with disinfectant products.

More specifically, do not allow solid disinfectants (tablets, pellets) come into contact with the pool floor: on contact, they will discolour the liner, leading to the formation of a white stain, and creases will appear at the interface.

At the water line, the liner is vulnerable to deposition of various pollutants floating on the surface of the water (sun cream residues, exhaust fumes, wood smoke, etc.). The Water Lily sponge will absorb most of the oily substances floating on the water surface, however the water line should be cleaned using products compatible with PVC-P liners as soon

as a brown line starts to appear. Over time, these deposits could become encrusted in the material making them impossible to clean off.

Dead leaves, twigs and insects that sink to the bottom of the pool should be removed by vacuuming or using a leaf rake. Otherwise, their decomposition could lead to staining of the liner.

6.5 - WINTERIZING

If the pool will left outdoors over winter:

- Drain the filter and store it and the power supply somewhere dry;
- Roll the cover out over the pool.

If the **geographical zone in which the pool is located experiences sub-zero temperatures over winter**, it is important to prevent ice from exerting pressure on the structure.

To do this:

- Take 5, empty, 1.5 litre plastic bottles;
- Weight them with a little gravel or sand and cap

them tightly;

- Tie them together with string to create a chain of bottles;
- Tie each end bottle to a stone using a string about 90 cm long;
- Place the stones on the pool floor centred at the base of two opposite walls.

The empty bottles will float on the surface of the pool. If temperatures drop below zero and ice forms on the surface, the bottles will absorb the expansion of ice instead of the pool structure.

Check regularly that the depth of the water accumulating in the pool due to precipitation does not exceed 58 cm, drain if necessary.

If algae grows in the pool, treat the water with an algicide to limit this phenomenon.

Caution: a water depth greater than 58 cm can cause gapping of the top slats and thus damage to the wooden structure.

At the beginning of the following pool season, open the pool, drain any water that has accumulated and clean the liner carefully before refilling the pool.



Check regularly that the water drainage holes are not blocked: clear away any debris that falls onto the cover.

If it snows, rains heavily or if a reversible winterizing tarp is used, open the cover. Otherwise the cover could be damaged by the weight of the snow or water that accumulates on it.



Leaving the pool drained of water while it is not in use could cause damage to the liner (loss of elasticity). If very pronounced, this type of damage is not covered within the scope of the guarantee. Furthermore, the weight of the water contained in the liner exerts a vertical force on the wooden structure that prevents the slats from coming apart. If the Pistoche pool is left empty, there is a risk of structural deformation that would not be covered by the guarantee.

7 - MAINTENANCE

7.1 - RESETTING THE ROLLER SPRING

In the event that the cover roller is disarmed, follow this procedure to reset it:

- 1) Dismantle the roller and the flange on the spring side (right hand flange if you are standing outside the pool and facing the roller) and roll the cover up if it was unrolled;
- 2) Place the semicircular notch at the end of the roller and the notch on the rotating axle opposite each other and fit them together to reform the hole

that will hold the pin, push the pin into this hole;

- 3) Mount the flange on the roller, then remove the pin;
- 4) Rotate the flange through 21 full turns anti-clockwise, then replace the pin.
- 5) Replace the roller in its pit. Fix the flange to the wooden structure and remove the pin.

7.2 - REPLACING THE PUMP MOTOR

Disconnect the power supply to the filter.

Unhook the filter, taking care not to damage the liner. To do this, insert a screw driver into the recesses in the filter support guide (304) on either side of the corner. Lift the liner Hung track (214) very slightly and pull on the filter support guide to release it.

Remove the lid, and then the cartridge.

Unscrew the 4 screws at the bottom of the filter body.

Remove the filtration pump from the body of the filter (302) by pushing down against the bottom of the filter body and twisting one quarter turn. Make sure that the black rubber pump axle tip has not remained stuck in its housing under the body of the filter. If it has, remove it before mounting the new pump. Mount the new pump and reassemble the filter as set out in paragraph 4.6 (Assembly of the filter).



IMPORTANT REMINDER

Should you encounter any technical difficulties while assembling your pool, the Pistoche hotline is available from the Pistoche.fr internet site (bottom right of the home page).

8 - GUARANTEES

The following guarantees are granted as of the purchase date, on presentation of the invoice or receipt:

8.1 - LINER: 2 YEARS

Leaktightness and resilience of welds, subject to the condition that instructions concerning fitting, water treatment, and liner maintenance were followed (see section 5)

The following phenomena, associated with improper operation or maintenance, are excluded from the scope of guarantee:

- Creases that appear after the liner is fitted, caused by slippage of the membrane on loose or sloped ground, or inappropriate water chemistry: water temperature must remain below 28°C, the pH must be between 7.2 and 7.6, and the

concentration of the disinfecting agent must remain within the range recommended by the manufacturer of the pool chemicals.

- Colouring or staining of the liner along the water line, due to inadequate cleaning (see section 5)
- Stains, discolouration and creases of any type.
- Damage caused by contact of incompatible materials with the liner.
- Tears in the liner under the beading caused during fitting by moving the liner without first pulling it out of the locking track.

8.2 - WOODEN STRUCTURE: 2 YEARS

Rotting, attack by insects other than termites, subject to the condition that instructions set out in sections 3, 4 and 5 were followed.

This guarantee does not cover natural deformations (splitting, cracking that does that impact the mechanical strength of the wood) or colour changes caused by weathering.

The following defects associated with incorrect assembly or storage are notably excluded: wall slat deformations (exposure to the sun, assembly deferred after opening the package), deformation or breaking of the slats due to assembly in any manner other than that described in the instructions. Rotting of the wood caused by use of an unsuitable, non microporous treatment is also excluded from the guarantee.

8.3 - COVER: 2 YEARS FOR THE FABRIC; 1 YEAR FOR THE ROLLER

This guarantee applies subject to the condition that the water treatment recommendations set out in section 4, and the winterizing recommendations set out in section 5 were followed.

The following are excluded from the scope of this guarantee:

- Tearing of the fabric attributable to excessive tension on the cover, caused by snagging of the cover on an object or by a person falling onto

the cover.

- Normal wear along the edges or at the fastening points.

To avoid the growth of mould on the cover during the time of year that the pool is not in use, make sure to clean and dry the cover before storing it..

8.4 - FILTRATION GROUP: 1 YEAR

The cartridge is considered a "wear part" and is not covered in the scope of this guarantee.

The motor is guaranteed, subject to the conditions that the pump was not allowed to run dry, and that the filter cartridge was cleaned in accordance with the instructions set out in section 6.

Plastic components are guaranteed subject to the condition that they have not been exposed

to incompatible chemicals, or concentrations of chemicals outside the ranges recommended for pool water, and that they have not been subject to impacts or abnormal stress or strain.

The transformer is covered by the guarantee subject to the condition that it was not sprayed with, or immersed in, water.

8.5 - UNDERLAY

The underlay is not covered by any guarantee.

WOOD, A NATURAL MATERIAL.

Being a natural, living material, wood will have some imperfections. These are normal and have no impact on the service life of the product. A certain number are superficial and are not covered within the scope of the guarantee.



>> Colour variations

Colour variations are common to every species of wood. Treatment brings them out because the depth of penetration of the product will depend on the wood density and grain. Weathering of wood outdoors will significantly attenuate these colour variations.



>> Greying

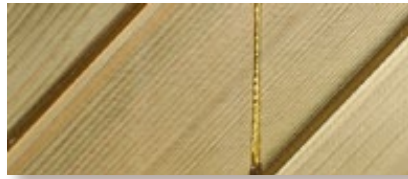
Wood exposed to sunlight is susceptible to greying. Some people like the silvery sheen of this natural patina.



>> Surface mould

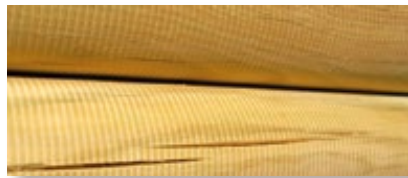
Mould, caused by microscopic fungi, can grow on wood, particularly on resinous species, on which the growth can appear as «blueing». It is a surface phenomenon, exacerbated by heat, humidity and inadequate aeration and is characterised by stains ranging from light to dark blue. They can be removed by wiping the surface.

Remember that class IV treated wood is protected against attack by fungi that could destroy the physical and mechanical properties of the wood. For further information, please refer to Procopi's guarantees concerning the types of wood and their treatment.



>> Resin beading

When resinous wood species are autoclaved, the alternating pressure and vacuum can cause sticky resin residues to rise to the surface. To remove them, scrape them carefully with an appropriate tool, being careful not to touch the wood. Turpentine spirits could also be effective, but could stain the wood if too much is applied.



>> Splitting and cracking

Wood expands and contracts when exposed to variations in humidity and temperature. As it dries, wood contracts unevenly resulting in the appearance of cracks. While these can seem to be cause for concern, they have no impact on the mechanical properties of the product and therefore do not fall within the scope of the guarantee.



>> Salt stains

Small green stains are frequently found on the surface of autoclaved wood. These can be removed with light sanding. If left untreated, this colour will disappear over time.



>> Knots

Knots mark the places where branches were attached. The quantity and size depends on the species of wood and the sorting process. For outdoor installations, small adherent knots are acceptable. The more stringent the sorting process to limit the number and size of knots, the more expensive the wood will be.



>> Joined wood

To ensure the highest quality in the selection of our wood, it is sorted meticulously before planing. Planks that feature defects on both sides are taken out. Defects (knots, cracks, flashes) are removed and the planks are joined together (see the image above).

This is why it is not unusual to find joined elements in a wooden pool, it in no way penalises the mechanical properties of the wood. For the same reason, imperfections on the interior surface of the pool (knots, cracks, flashes) are entirely acceptable.



Storage. If you do not intend to assemble your pool immediately, you should store it without opening it in a well-ventilated room, or failing this, in an area protected from humidity and sunlight. If, however, you were obliged to unpack your pool, redo and restrap the pallet. Once the pallets are undone, the kit must be assembled within 24 to 48 hours.

