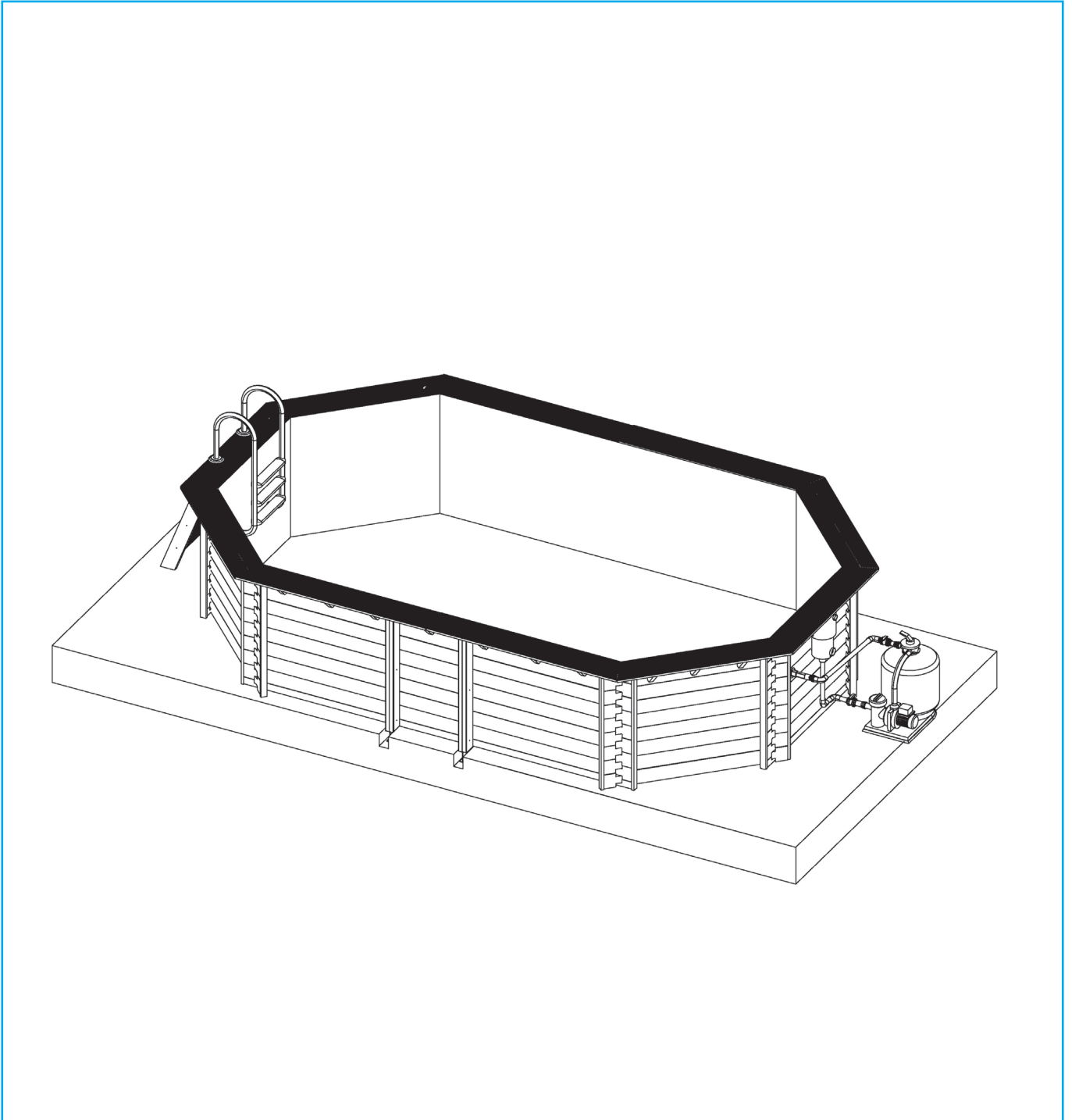


TIMBERPOOL

Oval swimmingpool | 6.40 metre



6.40

Timberpool Swimming Pools Oval 6.40

Item no.	Quantity	Description
STK1110	4	Steel frame corner piece
V1100	8	Metal connector plate mid-piece / corner piece
BK1130	2	Metal mid-piece
P1002	16	Wall section, tongue and groove, long
P1005	50	Wall section, tongue and groove, short
P1007	2	Complete wall section, slotted upper edge, long
P1010	1	Complete wall section, slotted upper edge, short
P1050	1	Wall section, tongue and groove, with inlet cut-out
P1051	1	Wall section, underside of skimmer
P1052	1	Wall section, topside of skimmer
P1015	2	1/2 wall section, tongue underside, long
P1018	2	1/2 wall section, tongue underside, short
P1021	4	1/2 wall section, slotted top edge
P1011	31	Console
P1030	31	Stainless steel anchor plate
P1039	6	Swimming pool edge inner ring
P1036	2	Swimming pool edge, inner ring, long side, left
P1043	2	Swimming pool edge, inner ring, long side, right
P1038	6	Swimming pool edge, outer ring
P1035	2	Swimming pool edge, outer ring, long side, left
P1042	2	Swimming pool edge, outer ring, long side, right
P1024	2	Side parts, swimming pool steps, wood
P1025	2	Connector part, upper side swimming pool steps, wood
P1040	4	Treads for wooden swimming pool steps
P1022	16	Cladding slat for covering cross-cut edges of wall sections
P1041	8	Hexagonal wooden connector piece
P1012	8	Wooden trim part for metal frame
FR0700	12	Liner holder
FH0710	8	Liner holder corner pieces
SK0000	1	Skimmer
IN8400	1	Inlet
LO230	1	Swimming pool liner, blue (for 6.40 oval)
	1	Box with ironmongery
	2	Hinge
	1	Stainless steel swimming pool steps

Timberpool Swimming Pools

Timberpools wishes you hours of fun and enjoyment in your new swimming pool. The walls of your Timberpool are manufactured from larch wood; this guarantees your pool will provide you with at least 15 years of enjoyment. With the edge capping made by Balau and with the high quality of swimming pool liner the swimming pool is virtually maintenance free. We would point out however that wood is a natural product and is subject to weathering, which can discolour or split the wood although this will not reduce its quality or durability. To prevent discolouration we recommend that you paint the wood or apply a coat of varnish - a specialist can suggest the appropriate paint or varnish to use.

Storing your swimming pool

If it is your intention to store your swimming pool before it is erected, it is advisable to store it in a clean, well-ventilated, dry space. These simple steps will maintain the wooden elements best possible condition. Placing slats between the wall sections provides ideal ventilation once the parts have been unpacked.

Ideally, the swimming pool liner should be stored in a heated space – a warm liner is easier to handle when installing it in the swimming pool.

Preparing the ground

Careful thought must be given to where you are going to install your swimming pool. Trees growing nearby offer shade but also drop leaves into the pool. Electrical overhead cables or other electrical equipment in close proximity to the swimming pool could create hazardous situations.

One of the most important considerations that will need to be given when setting up your swimming pool is ensuring that the ground is level. It is extremely important that you start with a flat, level surface. The ground should be free of all obstacles such as stones, twigs roots and grass and make sure that there are no holes or hollows in the levelled area.

We recommend that you level an oval shape that is 1 metre larger than the size of the swimming pool. The easiest way to draw an oval is by placing a stake in the ground, attach a piece of string half the length of the desired diameter to the stake and use it to draw a circle on the ground. Measure 8.50 metres from the outer edge of the circle (end of the pool) this gives

you the outer edge of the second circle (other end of the pool). Move the string and the stake and measure the length of the string back towards the middle in a straight line. Insert the stake and draw another circle. Now join the two outer edges of the circle (left and right) to create the oval shape.

The base can be a concrete slab, paving stones or sand - it is our advice however that you lay a concrete slab. If you do opt for sand you should add an extra 5 cm layer of stabilised sand to the 15 cm base layer or white sand. Stabilised sand is a mixture of one part cement and seven parts sand.

The 15-year guarantee on the wooden parts, is only valid when (in case of an in ground installation) the space around the pool is filled with clean white sand. If you choose to install your pool in ground, you must take into account to fill up the pool all around with stabilized sand in case of high ground water or marshy ground. This stabilized sand needs to be filled up above the ground level spaciouly.

Attention, the water level of the swimming pool also needs to be above the ground water level during the wintering. In case of an above ground pool we recommend you keep the water level 15 cm below the inlet during the wintering. In case of an in ground pool we recommend you keep the water level 10 cm below the skimmer during the wintering.

We do not advise raising the height of the ground, as this will make the construction less stable.

You will need to dig two trenches for the metal supports of the swimming pool. Starting at the midpoint of the swimming pool, dig a trench on the left and right side. These trenches must be 20 cm deep and 10 cm wide (see plan view). Measure a space of 35 cm from the middle of the pool to the centre of centre of the trenches.

Assembling the swimming pool

What will you need to do to build your swimming pool?

- To level the ground: Spade, Folding ruler, Tape measure Spirit level (brickwork), Wire, Flat board (to level sand)
- To assemble the metal frame and wooden wall parts: 2 Allen keys (size 17), Electric drill / screwdriver, Mallet or large hammer, Spirit level

Included with the swimming pool components are two bits for the screws (AW and PZ2) and a wood bit/counter-sink bit.

We advise before you begin building your swimming pool that you take the time to read through the index, the list of parts and the 'Exploded View'. This will give you an overall impression of the parts and where they are sited in the swimming pool. All parts are numbered and named and the quantity of each item you require is indicated alongside. The construction of the swimming pool is explained in stages below. Follow the order that is shown and building your swimming pool will be successful.

It is suggested that you place the opening for the skimmer (item SK0000) so that it faces towards the prevailing wind direction, this will allow the skimmer to catch leaves and dirt more efficiently.

STEP 01 | Assembling the metal frame

Two metal frames are supplied to provide extra support for the long side walls of the swimming pool. They are required to absorb the water pressure. Connect the metal corner pieces (item STK1110) to the metal mid-piece (item BK1130) using 4 metal connector plates (item V1100). Use the 10 mm x 50 mm nuts and bolts (see parts list, 'Exploded View' and detail drawing A). Place the assembled frames into the trenches.

STEP 02 | Laying the base

Slot the 2 half wall sections, short (item P1018), the 2 half wall sections, long (item P1015) and the 4 wall sections (item P1005) into each other as shown in the 'Exploded View'.

STEP 03 | Positioning the wall sections

Now place the wall sections, short (item P1005) and the wall sections, long (item P1002) in order on top of the base you have just laid. On the skimmer side of the pool, ensure that 5 complete wall sections (short) are positioned on top of the first half wall section. On top of this, position the inlet wall section (item P1053). On top of this position a complete wall section, short (item P1002). Continue working around the swimming pool, placing the remaining wall sections. On top of this you can now position the wall section, underside of skimmer (item P1055). Complete the round. You can check your progress using the 'Exploded View'.

STEP 04 | Positioning the skimmer and the inlet

Now that you have positioned the lowermost wall section for the skimmer (item P1055), you can continue to position the skimmer (item SK0000) (see 'Exploded View' and detail drawing B). Place the skimmer into the cut-out of wall section,

underside of skimmer (item P1055), then position wall section, topside skimmer (item P1054) on top. (Note: place a PVC ring (Ø 63 mm x 36 mm) into the notch in the bottom side of the skimmer to hold the skimmer upright.) You can now complete the assembly of the top side. To do this, use the half wall sections, slotted upper edge (item P1021) and the whole wall sections, slotted upper edge (item P1010). You have now finished positioning the wall sections. You can now position the inlet (item IN8400) from inside the swimming pool into the wall section for the inlet (item P1053). Screw the large sealing ring onto the outside of the inlet. Place the first round self-adhesive packing on the inside of the inlet, paying attention to the screw holes.

To trim the wall sections, you can now start installing the cladding slats (item P1022). You will need to drill the cladding slats first (2 screws per length, evenly spaced) and fix them with the 5x70mm screws. (See parts list and detailed drawing C)

STEP 05 | Assembling the consoles

Position the consoles (item P1011) on the outside of the swimming pool and screw them in place from the inside, remember to countersink the screw holes. You should distribute the consoles (3 per wall section, with the exception of the skimmer section) over the wall section (see 'Exploded View'). Note: the metal anchor plate (item P1030) fits on the upper side of the console (see detail drawing D). The upper edge of the metal anchor plate should be positioned at the same height as the upper edge of the topmost wall section. Tip: assemble the metal anchor plate onto the consoles first. Use 2 of the 5x100 mm screws per console (see parts list.) You can now screw the metal anchor plate (item P1030) on top of the console (use the screws according to the parts list, one 5x40 mm screw and two 5x70 mm screws), note: the metal anchor plate is also screwed to the wall section with two 5x40 mm screws.

STEP 06 | Installing the liner holders

Secure the liner holders (item FR0700) on the inside of the swimming pool using the 4x35 mm screws. The shiny side of the liner holder goes underneath. The liner holder must be placed in the middle of the wall section with the upper side of the liner holder level with the upper edge of the wall section. Drill the screw holes using the 4mm bit. You must also countersink these holes. These holes must be drilled through the double section of the liner holder (see detail drawing E). Leaving a gap of 5 cm at the end of the liner holder, drill holes at intervals of 20 cm. Attach the liner holder corner piece (item FH0710) to the ends of the liner holder; put the corner pieces into the

liner holder before you secure the next liner holder. Cut 2 liner holders to size for the long sides of the pool.

STEP 07 | Preparing to install the swimming pool liner

We recommend that you place a layer of felt or underlay (not supplied) on the base. This will give the swimming pool liner added protection.

STEP 08 | Preparing the skimmer for installing the swimming pool liner

To avoid leaks through the swimming pool liner via the skimmer (item SK0000) and the inlet (item IN8400), you should secure one of the two self-adhesive right-angled packings to the mouth of the skimmer (see detail drawings F and B). Use one of the round self-adhesive packings for the inlet, paying attention to the pre-drilled screw holes.

STEP 09 | Installing the swimming pool liner

Unfold the swimming pool liner (item LO230) inside the swimming pool. Click the outer edge of the liner into the liner holders (item FRO700). Pay extra attention at the corners of the liner holders. Check that the liner is well distributed over the entire surface of the swimming pool floor. You can now fill the swimming pool with about 2cm of water. Next, push the liner firmly into the floor corners of the swimming pool to avoid wrinkles. When you have finished spreading the liner, you can fill the swimming pool until the water is 2cm below the edge of the inlet.

You can now stick the second self-adhesive packing on the pre-bored flange of the inlet. Pay attention to the screw holes. Now carefully screw the flange onto the inlet using the screws supplied with the inlet. Now cut out the liner on the inside of the flange. Then screw the sealing ring onto the flange. Now stick the second right-angled self-adhesive packing into the pre-drilled trim frame of the skimmer. Now screw the trim frame carefully to the skimmer mouth. After this you can cut out the liner on the inside of the skimmer. Install the floating flap of the skimmer mouth and install the coarse waste basket in the skimmer, then put the cover on.

STEP 10 | Securing the metal frames to the swimming pool

Now that the swimming pool can 'sit' thanks to the water, screw the metal frames vertically (use the spirit level) to the swimming pool. Use the holes drilled in the frame and the 5x40 mm screws with the round heads.

STEP 11 | Installing the Onga filter system PA17-BR463E (not supplied as standard)

In this step, the filter system is connected to the inlet and the skimmer (see detailed drawing H).

This description is taken from the Sta-rite Onga filter system manual, which you will find supplied in the box. The description starts on page 8. Your filter system is already partly pre-assembled. We will now assemble it in steps. You will need the following for the installation: 1 crosshead screwdriver, Teflon tape, PVC glue, a large adjustable pipe wrench and flexible Ø 50 mm PVC hoses or PVC pipe (length depends on the distance to the swimming pool), a 50 mm x 2 inch point piece and a 50 mm x 1,5 inch point piece.

- 1 |** Place the pump about 3-4 metres away from the swimming pool. Do not place it closer for safety reasons. Placing it too far away makes it harder for the filter system to work at peak efficiency. Do not place the filter system above the level of the water. Installing the system too high reduces the efficiency of the pump and causes problems when starting it. Place the filter system on a level, solid base.
- 2 |** Place the suction side of the pump in the direction of the swimming pool.
- 3 |** Place the white guide piece in the opening (upper edge) of the filter tank. Note: the pipe in the filter tank must be in the middle of the opening, so that the pipe connects properly into the notch in the guide piece. Push the guide piece firmly onto the pipe. This will prevent filter sand from getting into the pipe.
- 4 |** Fill the tank with the supplied filter sand. Do not overfill (max. 70 kg).
- 5 |** Remove the white guide piece.
- 6 |** Install the 4-way valve. (page 11, section 4a). Place the O-ring (part 5) into the notch on the underside of the 4-way valve. Now place the 4-way valve on the top side of the filter tank. Note: the pipe must be pushed into the 4-way valve. Turn the valve so that the pump connector of the 4-way points towards the pump. (see picture on front of user manual; the pipe to the pump has the word 'pump' on it). Now secure the 4-way valve to the filter tank with the supplied half rings (part 6) using the supplied nuts and bolts. Ensure that the nut is placed in the notch. Now tighten the screws firmly.
- 7 |** Take one of the threaded black hose tules. Wind Teflon sealing tape around the thread. Screw the hose adapter into the pump opening on the 4-way valve. Place the supplied flexible hose over this adapter and the topmost hose connection on the

pump. Use the supplied hose clips.

8 | We will now connect the filter system to the skimmer. For this you will need the Ø 50 mm flexible PVC hoses or PVC pipes described earlier. Take the 2-part coupling (example on page 12, no. 23), and place it on the opening on the front side of the pump housing. This part fits only one way round. Use the PCV glue and glue it firmly in place. Read the instructions on the glue pack. Now take the flexible PVC hose or PVC tube and connect it to the underside of the skimmer. First screw a 50 mm x 2 inch point piece into the underside of the skimmer. Apply Teflon tape to the screw thread to ensure a watertight connection. Glue the pipe firmly in place in the 2-part coupling and the point piece to the underside of the skimmer. If required, you can install a shut-off valve in this pipe.

9 | Connecting the 4-way valve to the swimming pool inlet. Install the 50 mm x 1,5 inch point piece with Teflon tape to the 4-way valve on the outlet labelled 'pool'. Now take the Ø 50 mm flexible PVC hose or PVC tube and connect it to the swimming pool inlet. Glue the pipe firmly to the point piece and the other end to the inlet. If required, you can install a shut-off valve in this pipe.

10 | Connecting the drain. Take the transparent hose adapter and screw it onto the remaining outlet of the 4-way valve (labelled 'drain'). The O-ring will provide a watertight seal.

11 | Remove the white wingstop from the 4-way valve and screw the supplied manometer in its place. Now fill the swimming pool until the water is 2cm below the edge of the skimmer mouth.

Using the filter system

Always turn on the pump before using the 4-way valve. If you do not, the filter system may be irreparably damaged. Damage caused by this sort of error is not covered under the guarantee.

A | Cleaning the filter sand. Install a flexible hose to the transparent hose adapter on the drain side of the filter. Place the other end of this hose end in a drain. Place the handle of the 4-way valve in position 3 (rinse). To turn the handle, press down on the end first. Check that the pre-filter in the pump is full of water. If not, fill it manually. Now insert the plug into an earthed socket. Check that the pump is working properly. When working properly, you will see the dirty water flow through the transparent point-piece towards the sewer after about 60 seconds. After a while the water should appear clear

again. When the water is completely clear, turn the pump off again. Place the handle of the 4-way valve in position 1 (filter).

B | Filtering the water. Place the handle in position 1 (filter). Turn the pump on again. The filter system will now pull water from the swimming pool, filter it and pump the water back into the swimming pool through the inlet. **Always make sure that the level of the water in the pool is at least half way up the skimmer opening.** Note the pressure on the manometer when the filter is clean (normally between 0.8 and 1 bar). If the manometer shows a pressure of 1 bar when the filter is clean, you should clean the filter when the pressure reaches 1.2 bar. You should clean the filter about once per week by back-washing the filter.

C | Backwashing the filter. Turn the pump off. Install a flexible hose to the transparent hose adapter on the drain side of the filter. Place the other end of this hose end in a drain. Place the handle in position 2 (back wash). Turn the pump on and let it run for 2-3 minutes depending on how dirty the filter is. Check the transparent hose adapter to see when the drained water is completely clear again. As soon as the water is clear, turn the pump off again.

D | Rinsing the filter. The pump is now off. Place the handle in position 3 (rinse). Turn the pump on again for 10 to 20 seconds. Turn the pump off again. Raise the level of the water in the pool until it is at least halfway up the skimmer. Place the handle in position 1. Turn the pump on again. You can now run the filter again. We recommend that you measure the water temperature. Half of this figure is a good indication of the number of hours the filter system should run per day.

E | Cleaning the pre-filter. The pump housing of your filter system has a pre-filter located under the transparent plastic cover. You should clean this filter at regular intervals. Unscrew the transparent cover and remove the filter from the pump housing. Clean the filter with water. Replace the filter and screw the cover in place.

F | Winter setting for the filter system. The winter setting is designed to let any remaining water run out of the filter tank. This is to avoid the filter system suffering ice damage.

To prepare for the winter setting, lower the water level until it is 5cm below the inlet opening. You can use an immersion pump to do this. Once the water level has fallen below the inlet you can set the handle of the 4-way valve to the winter setting (position 0). Now remove the screw cap on the underside of the filter tank to let the water run out. The cap is not replaced on the filter tank during the winter period. On the front side (at the bottom) of the pre-filter is a drain plug. Remove the

drain plug so that the pre-filter and the pump can empty. Do not replace this drain plug for the winter either. Keep these caps in a safe place so that you can replace them in the spring when you start using your swimming pool again.

STEP 12 | Filling the swimming pool

Fill your swimming pool with water until it reaches about 10 cm below the edge of the surround.

STEP 13 | Installing the swimming pool surround

The swimming pool surround consists of two ovals of planks. Each oval has its own length of planks. Use the short planks (item P1039) and the long planks (items P1036 and P1043) for the inner circle. For the outer circle, use the longer planks (item P1038) and the long planks (item P1035 and P1042). The planks must be screwed tightly to the metal anchor plate with eight 5 x 20 mm roundhead screws, (see parts list and detail drawing D). Distribute the edge parts around the pool. We recommend that you leave a gap of 3-4 mm between the cross-cut edges of the planks to allow for any movement of the wood.

Note: the outermost plank above the skimmer must not be screwed to the consoles, but instead must be screwed with a hinge to the outermost plank with six 4 x 35 mm screws.

Note: pre-drill with a 3 mm bit (see parts list and detailed drawing B).

You can now secure the last part of the swimming pool edge: the wood binding under the swimming pool surround. Screw the hexagonal wood binding pieces (item P1041) under the swimming pool surround (see parts list and detail drawing D) using six 5 x 40 mm screws, remember to countersink the screw holes.

STEP 14 | Installing the wooden trim parts on the metal frame

Take the wooden trim parts (item P1012) to cover the metal frames. Screw the 5 x 70 mm screws through the pre-drilled holes in the metal frame.

STEP 15 | Installing the stainless steel swimming pool steps

Construct the stainless steel swimming pool steps according to the supplied user manual. Choose which side of the swimming pool you want to enter and exit from. Keep a sufficient distance from the skimmer and filter system.

Position the steps in the centre of the wall section you have

chosen (see detail drawing J). Make sure the steps are vertical when screwing the rosettes tight.

STEP 16 | Aligning the wooden steps

In order to be able to align the wooden steps more easily, we recommend that you pre-drill the screw holes and countersink them with the 4 mm bit. This will give you a smooth finish without splitting the wooden parts. When assembling the wooden steps, use twenty 5x70mm screws (see parts list and detail drawing K). You will find an example of the steps in the parts list, which includes the fastener for securing the steps to the swimming pool. To assemble the fasteners, use two 4 x 35 mm screws to secure a fastener and handle to the steps, and two 4 x 20 mm screws to secure a fastener to the underside of the swimming pool surround.

General guidelines for using your Timberpool swimming pool

Do not use the edges of your swimming pool decking as a springboard or a running board they are not designed for this use. Use only the ladder to climb in and out of the swimming pool. The liner must be treated with care, contact with sharp objects can cause leaks.

It is recommended that there is sufficient supervision of children and non-swimmers at all times. Do not dive into the swimming pool, as there is a high risk of accidents in water of this depth. The wooden steps should be removed from the pool when not in use.

Your Timberpool swimming pool has been designed for single assembly. Disassembling and reassembling the pool can cause damage to essential parts.

Extreme caution is advised if you want to install lighting in your swimming pool. We strongly recommend having any lighting installed by a specialist company.

The swimming pool should be filled from flowing water, if water from any other source is used you must check the pH level. To maintain clean water regular maintenance must be carried out (ideal pH value is between 7.2 - 7.5). Contact your dealer for more information on cleaning and regulating the water in your pool. Ensure water treatment products are kept out of reach of children.

Filter the water at the recommended intervals. During heavy use of the swimming pool the water should be completely refreshed once every 24 hours. To maintain clean water you can purchase an automatic pool cleaner, contact your dealer for more information.

To maintain water temperature at a comfortable level you can purchase a summer or winter cover or an electric water heater contact your dealer for more information.

Guarantee

All guarantees apply only to the normal and reasonable use of the Timberpool swimming pool. Damage caused by incorrect assembly is not covered under the guarantee. Guarantees are limited to the replacement of the claimed and indicated parts. Guarantees apply only after the submission of the guarantee certificate, which you must send to Timberpool within 30 days of purchase together with the dealer's stamp and copy of your proof of purchase.

The wooden parts of your Timberpool come with a 15-year guarantee. The 15-year guarantee on the wooden parts, is only valid when (in case of an in ground installation) the space around the pool is filled with clean white sand. The following are not covered by the guarantee: cracking, splitting and discolouration of the wood that does not reduce the mechanical resistance of the wood – cracking, splitting and discolouration are parts of a natural process.

The stainless steel steps, swimming pool liner, skimmer and inlet come with a 2-year guarantee against manufacturing errors and mechanical defects.

Timberpool wishes you hours of fun in your Timberpool swimming pool.

I N T E R H I V A

Hanzeweg 17 - 3771 NG Barneveld - Tel. +31(0)342-427042 - Fax +31(0)342 413349

www.interhiva.nl - info@interhiva.nl