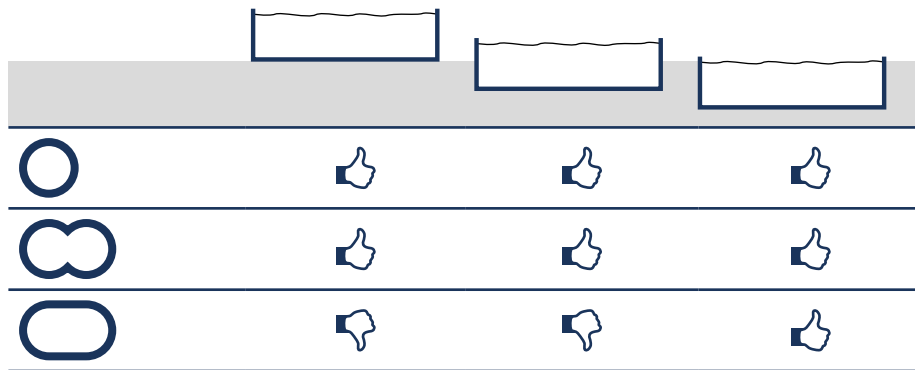

EXCLUSIV SWIMMING POOLS

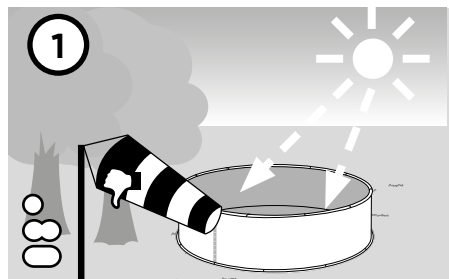
EN



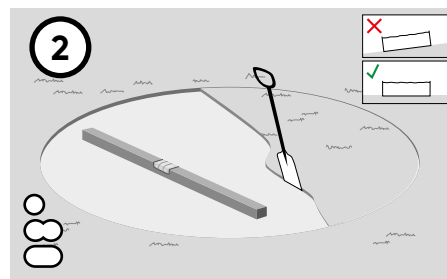
QUICK START GUIDE / KURZANLEITUNG / NOTICE SOMMAIRE / GUIDA RAPIDA / BEKNOPTTE HANDLEIDING / KORTFATTAD BRUKSANVISNING / STRUČNÁ PŘÍRUČKAG / STRUČNÝ NÁVOD / KRATKA NAVODILAG / GYORS ÚTMUTATÓ / MANUAL CU INSTRUCȚIUNI PE SCURT



FOR ALL POOL TYPES

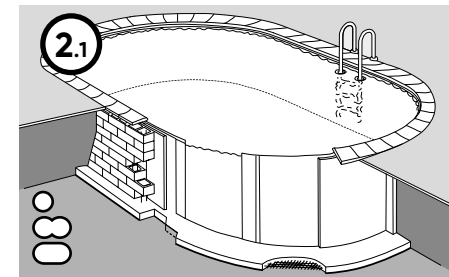


- 1
- (UK) Selection of pool location
 - (D) Pool-Standort wählen
 - (F) Sélection de l'emplacement
 - (I) Scegliere il luogo per la piscina
 - (NL) Locatie zwembad kiezen
 - (S) Välja placering för bassängen
 - (CZ) Pool-volba místa
 - (SK) Zvoľte miesto inštalácie bazéna
 - (SI) Izbira mesta za postavljanje bazena
 - (HU) Medence helyének a kiválasztása.
 - (RO) Selectarea locului de amplasare a piscinei

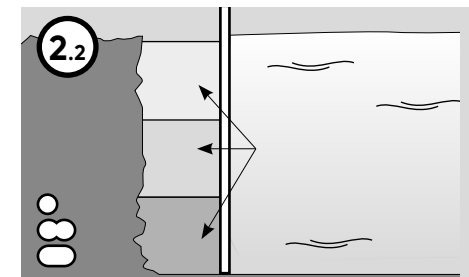


- 2
- (UK) Preparing the foundation/ground
 - (D) Untergrund vorbereiten
 - (F) Préparation du terrain
 - (I) Preparare il fondo
 - (NL) Ondergrond voorbereiden
 - (S) Förbereda underlaget
 - (CZ) příprava podkladu
 - (SK) Priprava podklad
 - (SI) Priprava tal
 - (HU) Felállítási hely előkészítése.
 - (RO) Pregătirea solului de bază

FOR PARTIAL INGROUND/INGROUND INSTALLATION

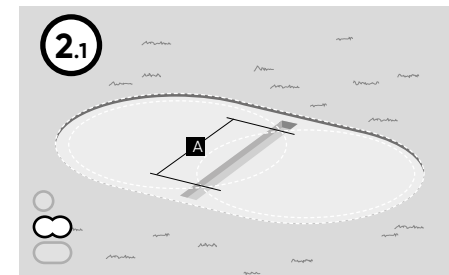


- 2.1
- (UK) Excavation & Casting a concrete slab
 - (D) Erreich ausheben & Betonplatte gießen
 - (F) Excavation & Coulage de la dalle en béton
 - (I) Eseguire lo scavo e posare la base in calcestruzzo
 - (NL) Grond verwijderen & betonplaat gieten
 - (S) Gräv ur marken & gjut en betongplatta
 - (CZ) Odkopat zeminu vybetonovat základovou desku
 - (SK) Vysadiť zeminu & zaliat betónovú dosku
 - (SI) Zemljo odstranite & vlijete betonsko ploščo
 - (HU) Ássa ki az alapot & készítse el a betonlapot
 - (RO) Excavare sol și turnare placă beton

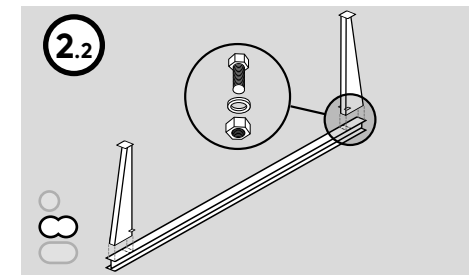


- 2.2
- (UK) Concrete backfill in layers
 - (D) Schichtweise Betonhinterfüllung
 - (F) Remblai en béton par couches
 - (I) Riempimento calcestruzzo a strati
 - (NL) Beton laagsgewijs vullen
 - (S) Fyll på betong i flera skikt
 - (CZ) Betonovat po vrstvách
 - (SK) Vo vrstvách zaliat betónom
 - (SI) Postopno v plasteh nanestite beton
 - (HU) Lépcsőzetes betonozás
 - (RO) Turnare beton umplutură laterală în straturi

FOR FIGURE-8 SHAPED POOLS

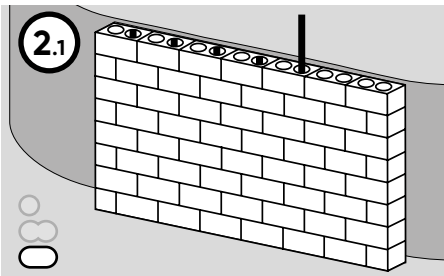


- 2.1
- (UK) Trench for steel girder
 - (D) Graben für Stahlträger
 - (F) Creusement pour poutre en acier
 - (I) Scavo per trave d'acciaio
 - (NL) Greppel voor stalen drager
 - (S) Gräv ett dike för stålbalken
 - (CZ) Vykopat pro ocelový nosník
 - (SK) Jamy pre ocelové nosníky
 - (SI) Luknje za jeklene nosilce
 - (HU) Acélmerevítő alapja
 - (RO) Gropi pentru montanții de oțel



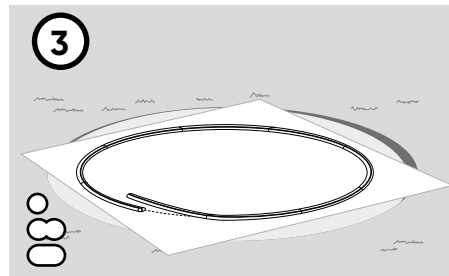
- 2.2
- (UK) Assembly of steel support girder
 - (D) Montage der Stahlstützträger
 - (F) Montage des jambes de force en acier
 - (I) Montaggio delle travi di sostegno in acciaio
 - (NL) Montage van stalen steun
 - (S) Montera stålbalken
 - (CZ) Montáž ocelových nosníků
 - (SK) Montáž ocelového podperného nosníka
 - (SI) Montaža jeklenih nosilnih stebrov
 - (HU) Acélmerevítő szerelése
 - (RO) Montarea montanțiilor de oțel pentru reazem

FOR OVAL POOLS



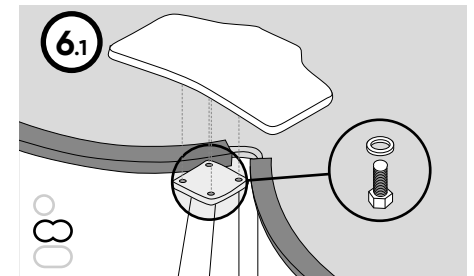
- (UK) Construction of retaining wall
- (D) Stützmauer errichten
- (F) Construction d'un mur de soutènement
- (I) Costruire il muro di sostegno
- (NL) Steunmuur maken
- (S) Bygg stödmuren
- (CZ) Vybudovat opěrnou zeď
- (SK) Postaviť oporný múr
- (SI) Naredite podporni zid
- (HU) Támasztófal építése
- (RO) Ridicarea ziduri susținere

FOR ALL POOL TYPES

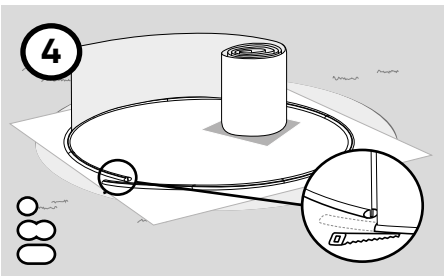


- (UK) Installation of floor protection fleece and bottom rails
- (D) Vlies und Bodenschienen auslegen
- (F) Pose du tapis feutre et des rails d'assise
- (I) Posare velo protettivo e profili inferiori
- (NL) Vlies en bodemrails uitleggen
- (S) Lägga ut duk och bottenskenor
- (CZ) uložení vlákny a dnových kolejnic
- (SK) Rozložte podložku a dnových obruč
- (SI) Postavitev flisa in talnih tračnic
- (HU) Védőfólia és alap sínek elhelyezése.
- (RO) Amplasarea păturii drenante și șinelor bazei

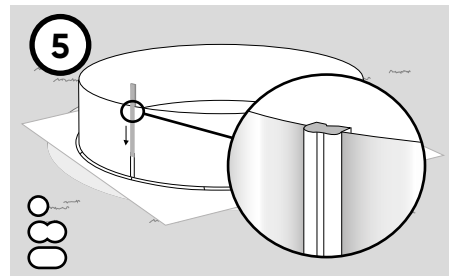
FIGURE-8 SHAPED POOLS



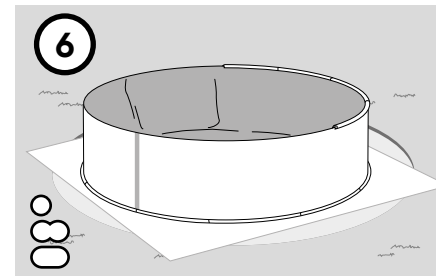
- (UK) Assembling the seat
- (D) Montage des Sitzboards
- (F) Montage du siège
- (I) Montaggio panchina laterale
- (NL) Montage van de bevestigings-board
- (S) Montera sittbrädan
- (CZ) Montáž sedačky
- (SK) Montáž sedačka
- (SI) Montaža sedeža
- (HU) Összekötő, felülő lemez szerelése
- (RO) Montarea banchetei



- (UK) Installation of steel wall (jacket)
- (D) Stahlmantel aufstellen
- (F) Mise en place de la paroi en acier
- (I) Disporre la lamiera
- (NL) Stalen mantel opstellen
- (S) Ställa upp stålmanteln
- (CZ) stavba ocelového pláště
- (SK) Postavte ocelový plášť
- (SI) Postavitev pločevinastega plašča
- (HU) Fémpalást felállítása.
- (RO) Amplasarea mantalei de oțel



- (UK) Connecting the steel walls
- (D) Stahlwand verbinden
- (F) Raccordement de la paroi en acier
- (I) Collegare la parete d'acciaio
- (NL) Stalen wand verbinden
- (S) Foga ihop stålväggen
- (CZ) Spojit ocelovou stěnu
- (SK) Spojit ocelovú stenu
- (SI) Povežite jeklen plašč
- (HU) Acélpalást összekötése
- (RO) Îmbinare perete de oțel



- (UK) Attaching the liner and top rail
- (D) Folie und Handlauf einhängen
- (F) Accrochage du liner et de la margelle
- (I) Agganciare il liner e il profilo superiore
- (NL) Folie en reling inhangen
- (S) Installera folien och hållskenan
- (CZ) Zavěšení folie a zábradlí
- (SK) Zaveste fóliu a držadlo
- (SI) Napenjanje folije in ročaja
- (HU) Fólia és felső sín behelyezése.
- (RO) Suspendarea foliei și barei mână curentă



Please observe the detailed instructions on the following pages.

- (F) Une notice d'utilisation détaillée dans votre langue est disponible sur le site Internet <http://download.waterman-pool.com>
- (I) Potete trovare la descrizione dettagliata nella vostra lingua in Internet all'indirizzo <http://download.waterman-pool.com>
- (D) Eine ausführliche Anleitung in Ihrer Sprache finden Sie im Internet unter <http://download.waterman-pool.com>.
- (NL) Een uitgebreide handleiding in uw taal staat op internet onder <http://download.waterman-pool.com> voor u klaar.
- (S) En utförlig anvisning på ditt språk finns att ladda ner på Internet under adressen <http://download.waterman-pool.com>
- (CZ) Podrobné pokyny ve vašem jazyce jsou k dispozici na internetu jsou pro vás připraveny pod <http://download.waterman-pool.com>
- (SK) Podrobný návod vo vašom jazyku nájdete na internete na stránke <http://download.waterman-pool.com>
- (SI) celotna navodila v Vašem jeziku najdete na spletni strani <http://download.waterman-pool.com>
- (HU) Részletes útmutató az Ön beszélt nyelvében az interneten a következő címen <http://download.waterman-pool.com> áll rendelkezésére.
- (RO) Un manual cu instrucțiuni detaliate vă stă la dispoziție pe internet pregătit în limba dumneavoastră la <http://download.waterman-pool.com>



ELECTRICAL SAFETY



- The power supply for your swimming pool must be protected by means of a residual current circuit breaker (30 mA).
- Never take any electrical equipment into your swimming pool and touch any electrical equipment while in the water.
- Free-standing filter systems/pumps exceeding 12 volts must be mounted with a minimum distance of 2 m from the pool. The current source must be 3.5 m away from the pool.
- Please observe the requirements of DIN VDE 0100 part 702 for all electrical installations of your pool.

SAFETY OF NON-SWIMMERS

- Constant, active and vigilant supervision of weak swimmers and non-swimmers by a competent adult supervisor is required at all times (remember that there is a risk of drowning in children under 5 years of age).
- A competent and skilled adult is appointed to monitor and supervise the pool when it is in use.
- Weak swimmers or non-swimmers should wear personal protective equipment when entering the pool.
- If the pool is not used or supervised, all toys must be removed from the pool and its surroundings to prevent children from being attracted by these items.

SAFETY INSTRUCTIONS AND WARNINGS



The use of a swimming pool kit requires that it complies with the safety regulations described in the operation and maintenance manual. To prevent children from drowning, it is recommended to secure access to the pool. Access to the pool is to be secured in such a way that children under 5 years of age cannot enter the pool/the water unnoticed. You can protect the pool with a childproof fencing or a childproof cover/roofing of the complete pool, with an additional alarm system, if desired. All safety devices are useful aids, but do not replace a permanent supervision of children by an adult who can help in an emergency. While the pool is used, none of the equipment used to access the swimming pool (e.g. ladders) must be removed. When the pool is no longer used, ladders must either be completely removed from the pool or secured in such a way that unauthorized access is not possible (we recommend, for example, using a safety ladder with removable or foldable and lockable steps).

SAFE USE OF THE SWIMMING POOL

- It is not allowed to dive into the pool, never jump into shallow water (danger of serious injuries or even death).
- Learn first aid skills (cardiopulmonary resuscitation CPR) and refresh your knowledge regularly. This can make a lifesaving difference in an emergency.
- All pool users, including children, must be instructed what to do in an emergency.
- Remove protective covers completely before using the pool, never dive under covers.
- To enter the pool, place the ladder on a safe, solid floor. Regularly check the strength of all connections, regularly check for any damage.
- Never use the swimming pool when under the influence of alcohol, drugs, or medication.
- Never mix water treatment chemicals; keep chemicals for the swimming pool securely closed and out of the reach of children.
- Never swim alone; always allow children and non-swimmers to use the pool only under supervision and, if necessary, with swimming aids. All users, especially children, are encouraged to learn how to swim.
- Please use the enclosed safety labels and fix them in a clearly visible place around your swimming pool (within 2000 mm).

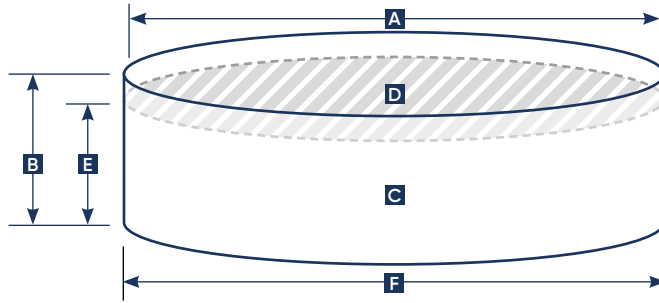


- Deposit life-saving equipment (bars, safety buoys, first aid emergency numbers) close to the pool.
- Ensure that pH and disinfectant levels are measured regularly, since this is the only way you can prevent the spreading of germs (bacteria, viruses, etc.) in the water. Please shower before and after swimming. Never enter or jump into the water when you are overheated.
- Never sit down on the edge of the pool and do not cause excessive water movement, especially in case of free-standing pools.
- Avoid running around the swimming pool (danger of slipping).
- Never allow animals (dogs, cats, fish) to swim in your pool.
- Never use the pool in the dark or in dangerous weather (lightning, thunder, thunderstorm).
- Never swim or dive between the ladder and the pool wall (danger of getting trapped).
- Keep a working phone and a list of emergency numbers near the swimming pool.
- Never climb directly out of the pool, always use the ladder. Excessive pressure and kicking against the pool wall may cause damage or breakdown of the pool. Never sit on the basin edge/handrail.
- Do not use any sharp-edged cleaning devices or toys, they could cause damage to the inside lining.
- Check all screw connections on a regular basis and make sure that there are no sharp corners or edges on the pool or on accessories (e.g. ladder) that could cause injury.

PURCHASE INFORMATION / TECHNICAL DATA

ROUND POOLS

Note:
This pool conforms to standard EN16562-1. It is supplied as above-ground pool kit.

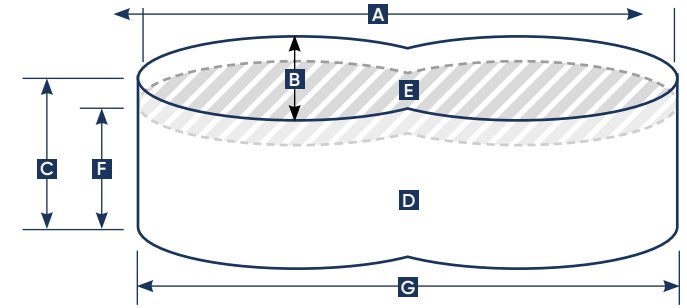


A Diameter (m)	B Height (m)	C Volume (l)	D Water surface	E Max. water depth	F Max. outer dimen- sion	Time required for setup (w/o concrete)	No. of people required for setup
2.00	1.20	3,500	3.15 m ²	1.10m	Pool size + 5 cm	1.5h	2
3.00	1.20	8,000	7 m ²	1.10m		2h	2 - 3
3.20	1.20	10,000	8.05m ²	1.10m		2h	2 - 3
3.50	1.20	11,000	9.6 m ²	1.10m		2h	2 - 3
4.00	1.20	14,000	12.5 m ²	1.10m		2.5h	3
4.20	1.20	15,000	13.5 m ²	1.10m		2.5h	3
4.50	1.20	18,000	16 m ²	1.10m		2.5h	3
5.00	1.20	22,000	19.5 m ²	1.10m		3h	3
6.00	1.20	31,000	28 m ²	1.10m		3.5h	4
7.00	1.20	43,000	38.5 m ²	1.10m		3.5h	4
3.50	1.50	14,000	9.6 m ²	1.40m	Pool size + 5 cm	2.5h	3
4.00	1.50	18,000	12.5 m ²	1.40m		3h	3
4.20	1.50	19,000	13.5 m ²	1.40m		3h	3
4.50	1.50	21,000	16 m ²	1.40m		3h	3
5.00	1.50	28,000	19.5 m ²	1.40m		3.5h	3
6.00	1.50	40,000	28 m ²	1.40m		4h	4
7.00	1.50	55,000	38.5 m ²	1.40m		4.5h	4

PURCHASE INFORMATION / TECHNICAL DATA

FIGURE-8 SHAPED POOLS

Note:
This pool conforms to standard EN16562-1. It is supplied as above-ground pool kit.

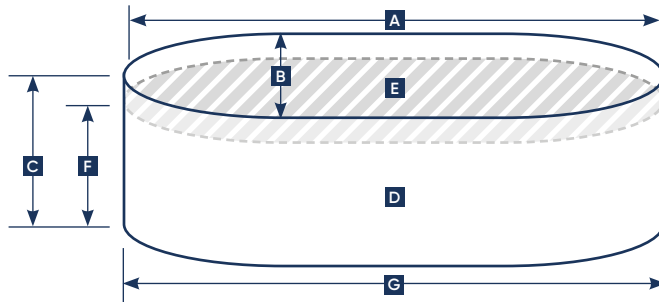


A Length (meter)	B Width (meter)	C Height (meter)	D Volume (liter)	E Water surface	F Max. Water depth	G Max. outer dimen- sion	Time required for setup (w/o concrete)	No. of people required for setup
4.70	3.00	1.20	13,000	11.3 m ²	1.10m	Pool size + 5 cm	3.5h	3
5.25	3.20	1.20	16,000	14.0 m ²	1.10m		3.5h	3
5.40	3.50	1.20	18,000	15.75 m ²	1.10m		3.5h	3
6.25	3.60	1.20	21,000	18.5 m ²	1.10m		4h	3
6.50	4.20	1.20	25,000	21.5 m ²	1.10m		4h	3
7.25	4.60	1.20	31,000	27.0 m ²	1.10m		4.5h	4
8.55	5.00	1.20	39,000	34.0 m ²	1.10m		4.5h	4
4.70	3.00	1.50	16,000	11.3 m ²	1.40m		Pool size + 5 cm	4h
5.25	3.20	1.50	21,000	14.0 m ²	1.40m	4h		3
5.40	3.50	1.50	23,000	15.75 m ²	1.40m	4h		3
6.25	3.60	1.50	26,000	18.5 m ²	1.40m	4.5h		3-4
6.50	4.20	1.50	32,000	21.5 m ²	1.40m	4.5h		3-4
7.25	4.60	1.50	39,000	27.0 m ²	1.40m	5h		4
8.55	5.00	1.50	49,000	34.0 m ²	1.40m	5h		4

PURCHASE INFORMATION / TECHNICAL DATA

OVAL POOLS

Note:
This pool conforms to standard EN16562-1. It is supplied as above-ground pool kit.



A	B	C	D	E	F	G	Time required for setup (w/o concrete)	No. of people required for setup
Length (meter)	Width (meter)	Height (meter)	Volume (liter)	Water surface (m ²)	Max. Water depth	Max. outer dimension		
4.90	3.00	1.20	14,000	12.5 m ²	1.10m	Pool size + 5 cm	3h	3
5.00	3.00	1.20	14,500	13 m ²	1.10m		3h	3
5.25	3.20	1.20	17,000	15 m ²	1.10m		3h	3
6.00	3.20	1.20	19,000	17 m ²	1.10m		3.5h	3
6.23	3.60	1.20	21,000	18.5 m ²	1.10m		3.5h	3
7.00	3.50	1.20	24,000	21 m ²	1.10m		4h	4
7.37	3.60	1.20	26,000	22.5 m ²	1.10m		4h	4
8.00	4.00	1.20	31,000	27 m ²	1.10m		4.5h	4
8.00	4.20	1.20	33,000	29 m ²	1.10m		4.5h	4
9.16	4.60	1.20	41,000	36 m ²	1.10m		4.5h	4
4.90	3.00	1.50	18,000	12.5 m ²	1.40m	Pool size + 5 cm	3.5h	3 - 4
5.00	3.00	1.50	18,500	13 m ²	1.40m		3.5h	3 - 4
5.25	3.20	1.50	22,000	15 m ²	1.40m		3.5h	3 - 4
6.00	3.20	1.50	24,000	17 m ²	1.40m		4h	3 - 4
6.23	3.60	1.50	28,000	18.5 m ²	1.40m		4h	3 - 4
7.00	3.50	1.50	31,000	21 m ²	1.40m		4.5h	4
7.37	3.60	1.50	33,000	22.5 m ²	1.40m		4.5h	4
8.00	4.00	1.50	40,000	27 m ²	1.40m		5h	4
8.00	4.20	1.50	41,000	29 m ²	1.40m		5h	4
9.16	4.60	1.50	52,000	36 m ²	1.40m		5h	4
11.00	5.50	1.50	75,000	53 m ²	1.40m	6h	5	

Use	Above ground pool, half-inground pool, inground pool
Assembly kit type	Above ground pool kit
Water resistance classification	WO: 0 lt
Tools required for setup:	<input type="checkbox"/> Straightedge <input type="checkbox"/> Water level <input type="checkbox"/> Spade / Shovel <input type="checkbox"/> Rubber mallet <input type="checkbox"/> Vibrating plate, if required <input type="checkbox"/> Hack saw <input type="checkbox"/> Folding rule <input type="checkbox"/> Flat blade screwdriver <input type="checkbox"/> 10 mm ring spanner <input type="checkbox"/> Cord <input type="checkbox"/> Peg <input type="checkbox"/> Marking spray or bottle of flour

Tools necessary for concrete work are not listed.

Material required in addition	<input type="checkbox"/> Floor protection fleece <input type="checkbox"/> Water care products
Useful accessories	<input type="checkbox"/> Floor vacuum cleaner <input type="checkbox"/> Scoop <input type="checkbox"/> Protecting cover <input type="checkbox"/> Dosing float <input type="checkbox"/> Water tester <input type="checkbox"/> Lighting

Enclosed safety labels



Be aware of the risks of diving.



Children must be supervised by adults at all times.



Danger. Risk of drowning.

Manufacturer: Summerfun Pools S.A.R.L., Rue de Colonel Bouvet, 68530 Buhl/France

IMPORTANT INFORMATION TO BE OBSERVED

BEFORE ASSEMBLY



Thank you for purchasing a quality product from CF Group Deutschland GmbH. Our 'Exclusiv' pools benefit from decades of know-how. Our production site for these pools is located in Alsace, in the immediate vicinity of the German border. They are continuously developed under the control and technical support of our specialists at the our headquarters in Wendlingen am Neckar, near Stuttgart. Please read these instructions carefully, and do not hesitate to contact us directly in case of questions.

CHOOSING A LOCATION

First of all, please clarify whether the selected swimming pool can really be built at the chosen location without a building permit and without further official formalities. Please observe that it is important that there are no pipes (gas, water, electricity, telephone, etc.) in the installation area of your new swimming pool. Built-in swimming pools (inground, half-inground) must not be installed in strata water or ground water areas.

- ❑ **Sunny location:** We recommend to select a location that provides a maximum of solar radiation per day.
- ❑ **Trees:** There should be no trees in the immediate vicinity of the pool, since they may cause pollution (foliage, needles, pollen) and excess shading.
- ❑ **Wind:** Use the main wind direction in such a way that dirt that falls on the water surface is driven towards the skimmer.
- ❑ **Logistics/Neighbours:** To operate your swimming pool, you need electricity (protected by a residual current circuit breaker), water to refill and a waste water connection/sewer pipe. You should place the pool as close to the house as possible, if necessary next to the terrace. However, you should always ensure that technical problems will not result in damage to the house (e.g. leaking water flowing into the basement). Be also careful that neighbours are not disturbed excessively, and ensure that the site is well protected (privacy), if possible.

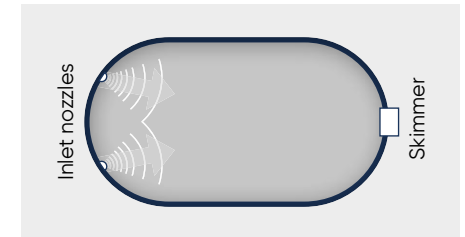
CHOOSING THE RIGHT ACCESSORIES

There are number of useful accessories for your swimming pool, some of which are difficult or impossible to retrofit. This primarily includes all built-in parts such as floor drain (which contributes significantly to an improved water circulation), additional inlet nozzles, submersible floodlights for recessed installation, integrated countercurrent systems, etc. Other components can be installed later (e.g. solar power system, heat pump, safety cover, etc.). It is advisable, however, to consider during the initial installation which items you may want to add later.

WATER CIRCULATION

As standard, our steel wall pools are delivered with skimmer punch (suitable for mini-skimmer approx. 148 x 140 mm rectangular) and a 60 mm round hole for 1 inlet nozzle, which is located approx. 80 cm next to it. Holes for other built-in parts must be cut/punched on site during the assembly of the pool.

Depending on the pool shape (in particular larger oval and figure-8 shaped pools), a second inlet nozzle can be installed to improve the water circulation (possibly also saving water care products), or both inlet nozzles can be placed opposite the skimmer (with a T-fitting installed in the middle between the two).



FILTER SHAFT

It is advisable, especially for inground pools, to build a filter shaft (e.g. made of bricks). Advantage: the filter system and other technical components are not visible. In addition, a significant noise reduction is achieved, and the filter system is protected from the weather. However, it is important to provide a good drainage (including connection to the sewer system) to prevent the filter system and electrical connections from being flooded in the event of downpours or a filter defect. A proper ventilation of the filter shaft prevents corrosion damage and should be taken into account during the planning.

PIPING

Our pools are supplied with a 38 mm pool hose pipe as standard. This hose pipe must not be laid directly in the ground. In case of an inground installation, we recommend to place this hose in a conduit. Alternatively, many swimming pool builders use a fixed piping or a 50 mm glued hose. Advantage: The pipes are more stable and, due to the smooth inside and larger diameter, the flow resistance is lower, which has a positive effect on filter performance and circulation (contact your dealer if necessary/we will be happy to offer you an alternative solution for your pool). When laying the hose or pipe and installing the skimmer and inlet nozzles, ensure they are easily accessible if they need to be replaced, e.g. in case of a defect.

POOL SETUP (ROUND POOLS)

Before setting the pool up, check that all required parts are available according to the supplied parts list:

Swimming pool diameter/depth	Pack of profile rails Top rail Q4 / Bottom rail Q2	Liner	Steel wall with interlocking profile	Grounding kit
Ø 2.00 x 1.20 m	1	1	1	1
Ø 3.00 x 1.20 m	1	1	1	1
Ø 3.20 x 1.20 m	1	1	1	1
Ø 3.50 x 1.20 m	1	1	1	1
Ø 4.00 x 1.20 m	1	1	1	1
Ø 4.20 x 1.20 m	1	1	1	1
Ø 4.50 x 1.20 m	1	1	1	1
Ø 5.00 x 1.20 m	1	1	1	1
Ø 6.00 x 1.20 m	1	1	1	1
Ø 7.00 x 1.20 m	1	1	1	1
Ø 3.50 x 1.50 m	1	1	1	1
Ø 4.00 x 1.50 m	1	1	1	1
Ø 4.20 x 1.50 m	1	1	1	1
Ø 4.50 x 1.50 m	1	1	1	1
Ø 5.00 x 1.50 m	1	1	1	1
Ø 6.00 x 1.50 m	1	1	1	1
Ø 7.00 x 1.50 m	1	1	2	1

THERE ARE 3 DIFFERENT MOUNTING OPTIONS



Above ground / ground level

Possible only up to 1.20 m (however, with a pool depth of 1.50 m, the pool must be installed at least 1/3 into the ground)



Half-inground

(Attention: The built-in part of the pool requires a lean concrete backfill)



Completely inground

(Possible only with a lean concrete backfill (20 – 30 cm) The pool must always be filled with water, never leave without water for a longer period.

PREPARING THE GROUND FOR ROUND POOLS

The best foundation for your swimming pool is a concrete slab (approx. 20 cm thick). This slab must be absolutely level (terraces, paved surfaces, etc. are critical/not suitable, because they are designed with a slight slope).

1. Mark the set-up area by driving a pole into the ground, then use a cord and a marking spray or a bottle of flour do indicate a circle:

Alternatively, you can do without a concrete slab in case of small round pools if you take the following into account:

2. Remove grass, ground cover/plant cover, and roots completely.
3. Remove the soil until you have an absolutely flat and level surface (never backfill and do not use sand to fill up).

The ground must be perfectly level and horizontal, with a max. deviation = 1 cm over the entire space, load bearing capacity of the ground at least 1.2 tons (with a pool depth 1.20 m) or 1.5 tons (with a pool depth 1.50 m).

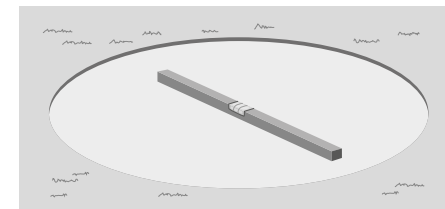
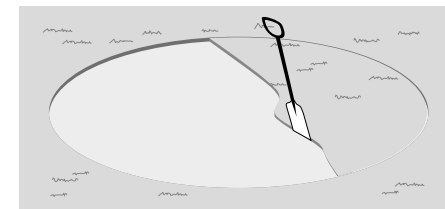
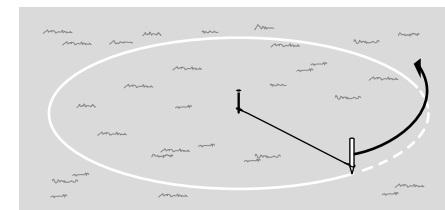
The pool must be set up on flat, natural ground, never on a slope. Please compact the ground with a vibrating plate. The diameter of the pool's installation area should be at least 20 cm larger than the dimensions of the pool itself. In case of inground installations, the backfill of the wall must be adapted accordingly (in case of soft soils/ground pressure, we recommend a 30 cm lean concrete backfill).

Installation floor drain (optional/not included):

You can install a floor drain in addition to the skimmer. This allows for an improved water flow/water circulation in the pool. If a floor drain is installed, a concrete slab is required that is slightly lowered in the middle towards the floor drain.

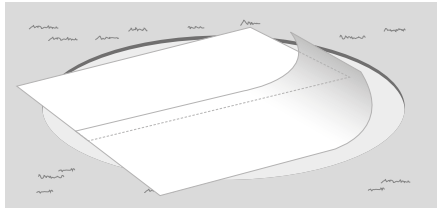
Use the suction function of the floor drain only when there are no swimmers in the pool, otherwise danger of suction on the bottom.

Dimensions swimming pool	Length of cord
200 cm	110 cm
300 cm	160 cm
320 cm	170 cm
350 cm	185 cm
400 cm	210 cm
420 cm	220 cm
500 cm	260 cm
600 cm	310 cm
700 cm	360 cm

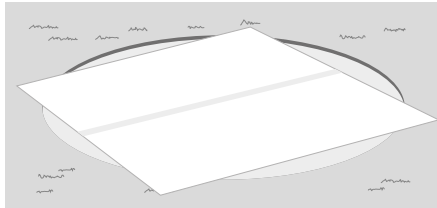


PLACING THE FLOOR PROTECTION FLEECE

After the foundation has been properly prepared and is perfectly (100 per cent) level, you must cover the ground with a synthetic floor protection fleece (not included). Please clean the surface thoroughly once again and remove all stones/un-evenness, which could pose a danger for the liner.

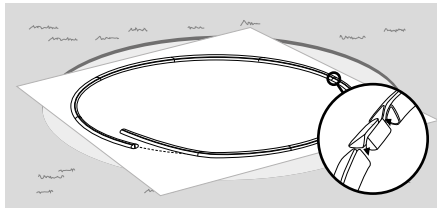


Place the fleece either end-to-end and secure with double-sided adhesive tap, or fix it to the ground with a spray adhesive. Overlapping the fleece can have a negative visual effect later, as it can be seen through the liner. The fleece should exceed the pool dimensions by about 10 cm on the outside (if no protective fleece is used, the liner is not covered under warranty).



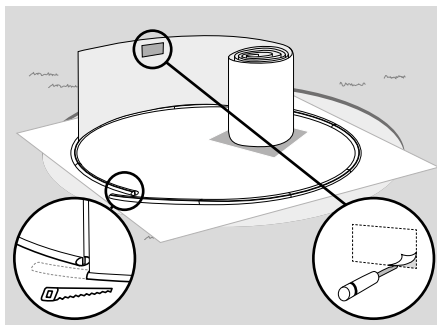
ASSEMBLING THE BOTTOM RAILS

Next, assemble the bottom rail segments using the small connecting tubes. Please note that the bottom rails must be shortened to the length of the steel wall. **Our tip:** Glue the connecting tubes on one side into the bottom rails before assembly to make assembly easier.



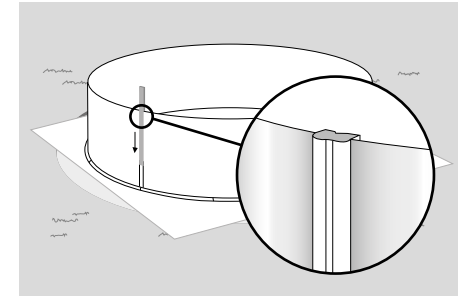
STEEL WALL SETUP

Do not install the steel wall in strong winds and preferably work with at least 3 people to prevent the steel wall from bending or falling. To stabilize the wall during assembly, the top rail segments can be temporarily attached on the top of the raised steel wall. Please wear protective gloves as the steel wall can have sharp edges. Place the steel wall on a wooden board and carefully unroll it. Insert the steel wall into the bottom rails (with the white side facing outwards). For production reasons, the steel wall is rolled up against the winding (gray side is on the outside then), which also prevents transport damage.) To facilitate the insertion of the wall into the bottom rails, press the bottom rails from below with a board, if necessary. Make sure that the skimmer cut-out (visible when you unroll the steel wall about 1 meter) is at the top of the steel wall. Remove the skimmer cut by breaking it away.



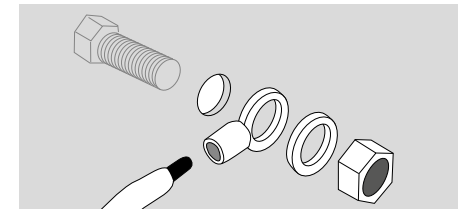
CONNECTING THE STEEL WALL, INSERTING THE INTERLOCKING PROFILE

The interlocking profile (plug-in profile) is inserted from the top onto the previously greased steel wall ends (distance between the steel wall ends = 5 mm). Ensure that the bevelled side of the profile points upwards and towards the inside of the pool. The plug-in profile can be pushed down easily; if necessary use a rubber mallet in addition (carefully). Make sure that the profile runs straight and that the steel wall is not bent.



GROUNDING THE SWIMMING POOL (POTENTIAL EQUALIZATION)

Drill a \varnothing 5 mm hole into the steel wall, just above the bottom rails. Attach the enclosed grounding kit (see drawing) and connect the cable to an approx. 30 cm long metal earth spike (not included in delivery) that you anchor in the ground. In case of a concrete backfill, run the grounding through this into the ground. In case of above-ground pools, drive the earth spike completely into the ground so that it cannot cause any injuries.



Attention: According to DIN/VDE regulations, electrical installations may only be carried out by authorized specialist companies.

ASSEMBLY OF OTHER COMPONENTS

Before attaching the liner, cut/punch all holes required for the assembly of other built-in parts (e.g. second inlet nozzle, floodlights, countercurrent systems, etc.) into the steel wall, carefully remove all chips and metal parts and protect the cutting areas with a zinc spray from rust.

LINER INSTALLATION

Depending on whether your Exclusiv pool was ordered/delivered as version with standard bead or with J-bead, the installation of the liner is different. Beaded liners snap into the bead receiver on the inside of the top rail and are then additionally fixed with a white clamping profile. Liners with J-bead are fitted directly on the steel wall (hooked) and then fastened with the top rail.

If you have a beaded liner, the top rail must be installed first. In this case, an additional bead reinforcement is enclosed with the delivery, which is clipped underneath the top rail so that it sits firmly on the steel wall.

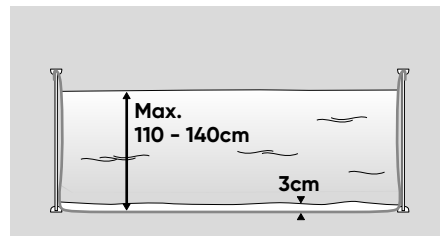
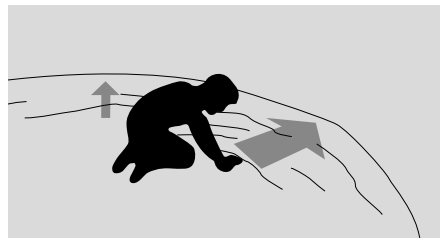
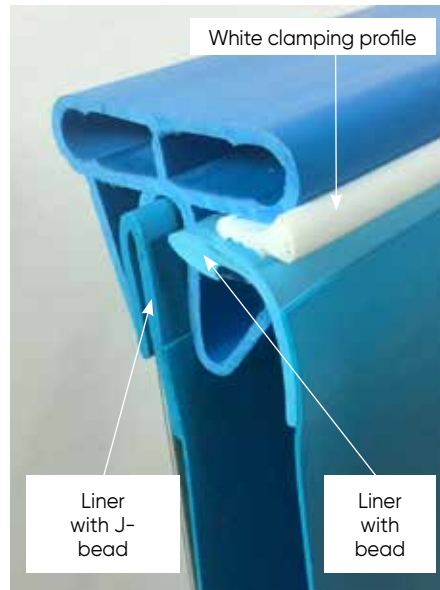
Please note that liners for swimming pools are always supplied undersized, so that they can unfold against the pool wall without wrinkles after installation. The PVC liner is made of a thermoplastic material which becomes more flexible/soft with increasing outside temperatures. The outside temperature should therefore be around 20° to 25° Celsius. Never drag the liner over the floor, and never step on it with shoes.

To proceed with the assembly, place the liner in the pool (if possible, expose it to the sun for ½ hour beforehand to eliminate wrinkles) and align it roughly. Make sure that the vertical weld seam of the liner never runs next to a component (skimmer, inlet nozzle, etc.), otherwise it will not seal properly at this point. Then hook the liner into the top rail/steel wall (as described above). Since the liner is always slightly smaller than the pool, it is partly necessary to pull the liner with force to hook it in. Do not be afraid to pull it, the liner has an elasticity of more than 10%.

First fill in approx. 3 cm of water (while doing so, you can check again if the pool is really level by making sure that the depth is the same in all places). With this water level, it is still possible to remove the last wrinkles by pushing the liner outwards. Next align the liner and push all remaining wrinkles outwards towards the steel wall. Note that wrinkles can only be removed if the pool is filled with a maximum of 3-5 cm of water; with higher levels the water pressure is too high to remove wrinkles. Use only tap water and never use well water (to avoid problems with the water quality/brown water). When the liner is in the correct position, the white clamping profile (applies only to beaded liner) can be inserted into the slot between beads and top rail.

The pool can then be filled up to the maximum fill level = 5 cm below the top rail (coping). (First up to just below components (skimmer/inlet nozzle), which are then installed).

Never leave the swimming pool without water to avoid destabilizing it.



ASSEMBLY OF TOP RAIL (QUALITY Q4)

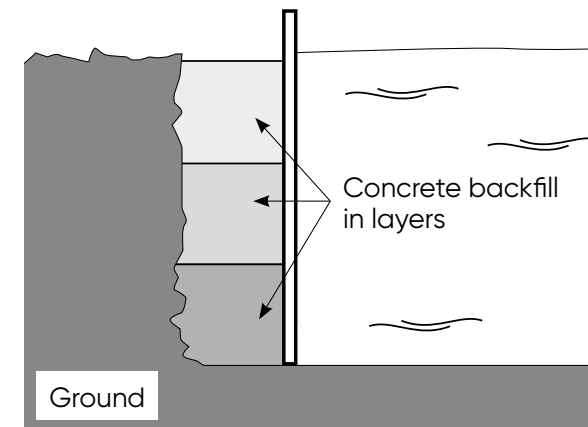
After the pool liner with J-beads has been installed, the wide plastic top rail (coping) is attached segment by segment from above. Also in this case it may be advisable to glue the connecting tubes on one side the day before so that they cannot slip out. Join the individual segments of the top rail and attach them from above, if required tap them carefully using a rubber mallet. Finally, cut the last segment with a hacksaw so it fits accurately. If you have purchased a pool with wedge bead liner (not standard), the top rail must be installed in front of the inner liner, as in this case the liner is inserted and fixed from the inside into the top rail.

ASSEMBLY OF COMPONENTS:

All built-in parts (skimmer, inlet nozzles, spotlights, etc.) must not be installed until the water level has risen to just below the cut-out for the steel wall. Otherwise, tears or leakage in the liner could occur when the water level is raised later, resulting in a sagging of the liner.

CONCRETE BACKFILL

For inground pools a lean concrete backfill (C16/20) is mandatory (20 cm/30 cm in case of ground pressure). Use a gravel-cement mixture (grain size 0 to 8) and add water in a ratio of 8:1. The concrete backfill must run along the entire built-in area of the pool, otherwise there is a danger that pool wall will be pressed inwards by the ground soil when the water is changed. First place/glue a waterproof Styrodur (polystyrene) panel (about 2 cm thick) on the outside against the steel wall (for thermal insulation and to protect the steel wall), then fill the space between the pool and the soil with lean concrete in successive layers. The water level in the pool should always be about 30 cm higher than the backfill. Under no circumstances compact the lean concrete or use a concrete pump. Fill layers of approx. 30 cm with lean concrete, then wait for at least 1 day (hardening) before filling the next layer.




POOL SETUP (FIGURE-8 SHAPED POOLS)

Before setting the pool up, check that all required parts are available according to the supplied parts list:


Swimming pool outside dimensions/depth (cm)	Steel wall with aluminum interlocking profile and top rail profile rail package Q4/ bottom rail Q2, grounding kit incl. bottom rail connecting pieces	Liner	Seating board white (502010307)	Pair of supports 2-piece 1.20 m (M31249VS)	Pair of supports 2-piece 1.50 m (M31278VS)	Base beam 2-piece L 1490 mm IPE 120 flange (M89300Z)	Base beam 2-piece L 1490 mm IPE 140 flange (M89302Z)	Base beam L 1738 IPE 120 cpl. incl. fastening clips (M89315VS)	Base beam L 2048 MM IPE 140 flange (M33362)	Base beam L 2150 MM IPE 140 flange (M33361)	Screw kit:
470 x 300 x 120	1	1	2	1		2					M64952
525 x 320 x 120	1	1	2	1			2				M64951
540 x 350 x 120	1	1	2	1				2			M64950
625 x 360 x 120	1	1	2	1			2				M64951
650 x 420 x 120	1	1	2	1				2			M64951
725 x 460 x 120	1	1	2	1					2		M64951
855 x 500 x 120	1	1	2	1					2		M64951
525 x 320 x 150	1	1	2		1		2				M64951
540 x 350 x 150	1	1	2		1			2			M64952
625 x 360 x 150	1	1	2		1			2			M64951
650 x 420 x 150	1	1	2		1				2		M64951
725 x 460 x 150	1	1	2		1					2	M64951
855 x 500 x 150	2	1	2		1					2	M64951

Also check the length of the supplied steel girders carefully before embedding them in concrete.


THERE ARE 3 DIFFERENT MOUNTING OPTIONS



Above ground / ground level
Possible only up to 1.20 m (however, with a pool depth of 1.50 m, the pool must be installed at least 1/3 into the ground)



Half-inground
(Attention: The built-in part of the pool requires a lean concrete backfill)



Completely inground
(Possible only with a lean concrete backfill (20 – 30 cm) The pool must always be filled with water, never leave without water for a longer period.)

PREPARING THE FOUNDATION/ GROUND FIGURE-8 SHAPED POOLS

The best foundation for your swimming pool is a concrete slab (approx. 20 cm thick). This slab must be absolutely level (terraces, paved surfaces, etc. are critical/not suitable, because they are designed with a slight slope).

1. Mark the set-up area by driving two poles at distance A (see table) into the ground and using a string (see table for length) and marking spray or a bottle of flour to draw two circles:

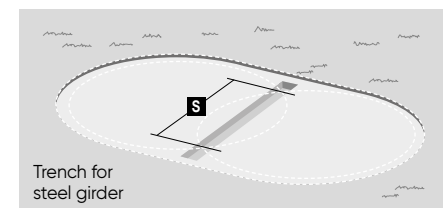
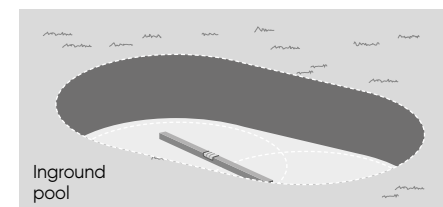
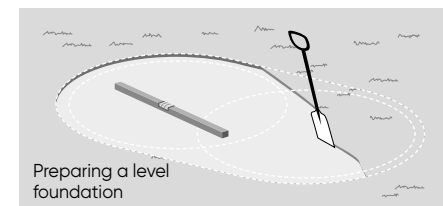
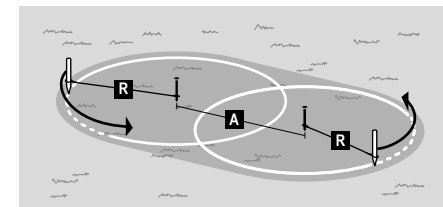
We recommend to install your Exclusiv figure-8 swimming pool on a concrete slab with iron reinforcement (20 cm thick). It is imperative that the ground has a load bearing capacity of at least 1.2t (pool depth 1.20 m) or 1.5t (pool depth 1.50 m). The ground must be perfectly level, with a maximum deviation of 1 cm over the entire set-up area of the pool. Larger deviations involve the risk of the entire swimming pool collapsing.

The diameter of the installation area for the pool should be at least 20 cm larger than the pool size (string length according to table). In case of inground installation, the backfill of the wall should be adapted accordingly (in case of ground pressure, we recommend a backfill of 30 cm of lean concrete). In this case, increase the string length by 10 cm (according to table).

It is mandatory to provide 240 mm wide and 255 mm deep trench in the middle of the concrete slab where the steel girder will be embedded later and fixed with concrete. (For length of the trench, see table on next page.)

The steel girder is flush-mounted into the base plate (approx. 22.5 cm, up to the height of the fastening clips of the bottom rail connecting pieces).

Dimensions swimming pool	Cord length "R"	Cord length "A"
470 x 300 cm	170 cm	170 cm
525 x 320 cm	180 cm	205 cm
540 x 350 cm	195 cm	190 cm
625 x 360 cm	200 cm	265 cm
650 x 420 cm	230 cm	230 cm
725 x 460 cm	250 cm	265 cm
855 x 500 cm	270 cm	355 cm



MOUNTING THE STEEL SUPPORT GIRDER

Depending on the pool size, different steel girders are required for your swimming pool (see parts list). Please assemble the steel girders belonging to your pool in accordance with the following drawings. Ensure that all screw connections are tight and secure.

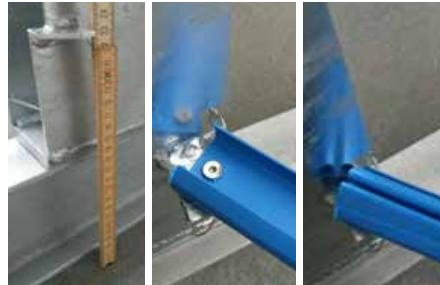
Dimensions swimming pool	Trench length	Distance between supports "S"
470 x 300 cm	320 cm	248.0 cm
525 x 320 cm	340 cm	248.0 cm
540 x 350 cm	370 cm	297.5 cm
625 x 360 cm	380 cm	248.0 cm
650 x 420 cm	440 cm	359.6 cm
725 x 460 cm	480 cm	380.0 cm
855 x 500 cm	520 cm	359.6 cm

Please check the distance between the fully assembled supports once again with the help of the following table. The table also shows the required trench dimensions for embedding the supports.

MOUNTING AND FIXING THE STEEL SUPPORT GIRDER

Place the pre-assembled support units in the trench. Align the support unit exactly vertically. Embed the concrete slab with concrete (installation depth approx. 22.5 cm) so that the fastening clips or fixing the bottom rails are flush with the top edge of the concrete slab.

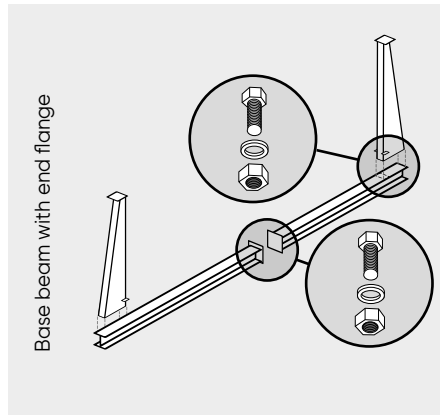
Out tip: It is best to attach the bottom rail connecting pieces to the steel girder before concreting, as otherwise it will be difficult to reach the bolts from below.



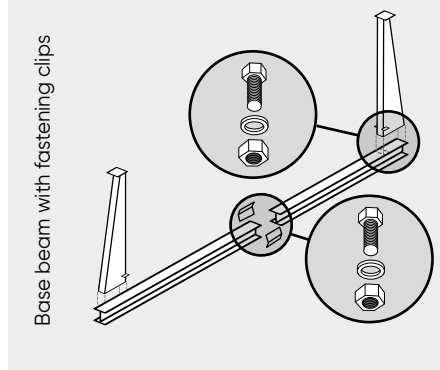
Installation depth of steel girder (approx. 22.5 cm)

Installation bottom rail connector

Attaching the bottom rail to the steel girder



Base beam with end flange



Base beam with fastening clips

LAYING THE FLOOR PROTECTION FLEECE AND THE BOTTOM RAILS

After the substrate has been prepared, spread out the floor protection fleece (not part of delivery for every pool). Either allow the edges to overlap (which may be visible through the liner) or place the fleece end-to-end and fix it from underneath with double-sided adhesive tape or adhesive spray. Then assemble the bottom rails by plugging them into the connectors. Always start with the bottom rail connectors on the steel girder. The correct length of the bottom rails can only be determined after the steel wall has been adjusted; the bottom rails must then be shortened accordingly.

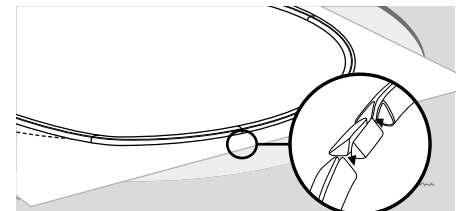
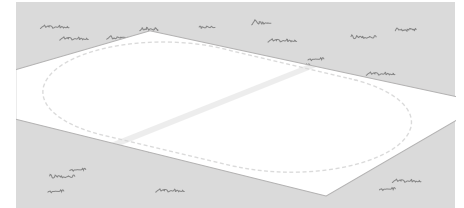
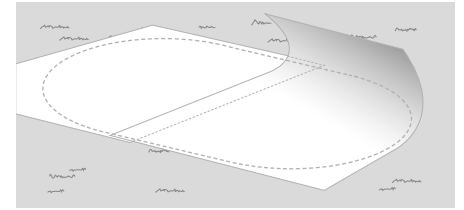
Make sure that the bottom rails are cut to the same length in both circles of the figure-8 shaped pool, otherwise the symmetry of the pool will be affected. This means that if you need to shorten the bottom rails by a total of 10 cm, for example, to match the length of the steel wall, you need to shorten them by 5 cm in each circle.

STEEL WALL SETUP INSTALLATION LINER, TOP RAIL & CONCRETE BACKFILL

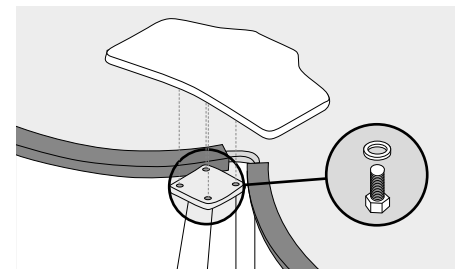
All further assembly steps and regulations to be observed are identical with those for round pools. Please continue reading on page 16 of this manual.

ASSEMBLY OF SEATS

Finally, screw the enclosed seats on top of the steel girder:



Attention: For figure-8 shaped pools, we always supply 2 complete sets of bottom rails for the respective round pool size (e.g. for a figure-8 shaped pool 470 x 300 cm, we deliver 2 sets of bottom rails 300 cm round), so there will always be few segments left.



POOL SETUP (OVAL POOLS)

Before setting the pool up, check that all required parts are available according to the supplied parts list:

Swimming pool external dimensions/ depth	Pack of profile rails Top rail Q4 / Bottom rail Q2	Liner	Steel wall with interlocking profile	Grounding kit (incl. fixing screws for the retaining wall)
4.90 x 3.00 x 1.20 m	1	1	1	1
5.00 x 3.00 x 1.20 m	1	1	1	1
5.25 x 3.20 x 1.20 m	1	1	1	1
6.00 x 3.20 x 1.20 m	1	1	1	1
6.23 x 3.60 x 1.20 m	1	1	1	1
7.00 x 3.50 x 1.20 m	1	1	1	1
7.37 x 3.60 x 1.20 m	1	1	1	1
8.00 x 4.00 x 1.20 m	1	1	1	1
8.00 x 4.20 x 1.20 m	1	1	1	1
9.16 x 4.60 x 1.20 m	1	1	1	1
5.00 x 3.00 x 1.50 m	1	1	1	1
4.90 x 3.00 x 1.50 m	1	1	1	1
5.25 x 3.20 x 1.50 m	1	1	1	1
6.00 x 3.20 x 1.50 m	1	1	1	1
6.23 x 3.60 x 1.50 m	1	1	1	1
7.00 x 3.50 x 1.50 m	1	1	1	1
7.37 x 3.60 x 1.50 m	1	1	1	1
8.00 x 4.00 x 1.50 m	1	1	2	1
8.00 x 4.20 x 1.50 m	1	1	2	1
9.16 x 4.60 x 1.50 m	1	1	2	1
11.00 x 5.50 x 1.50 m	1	1	2	1



Attention: Oval basins must always be installed completely inground. An above-ground installation is not possible for static reasons. In case of sloping sites, do not backfill (landfills) under any circumstances. Slopes must be levelled by means of excavation.

Slopes must be supported by retaining walls or be heavily flattened. Under no circumstances can the swimming pool support a slope. In case of accumulating groundwater or layer groundwater, a drainage must be provided. The excavation must not be located in groundwater areas.

DIMENSIONS OF EXCAVATION

For a pool depth of 1.20 m, the installation depth should be at least 100-120 cm, for a pool depth of 1.50 m = 130 to 150 cm (plus the depth required for the required ground plate).

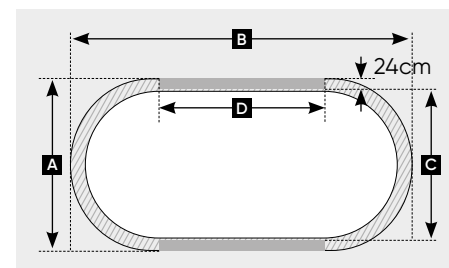
The soil in the excavation must meet the static requirements (see information on statics). It must always be natural soil and never consist of backfilled soil. The dimensions of the excavation are shown in the following drawing/table.

CASTING THE CONCRETE SLAB

We recommend to provide an approx. 15 cm thick layer of gravel underneath the concrete slab to protect it from water and freezing. The concrete slab built on top must be at least 15 cm thick and must be reinforced with an iron reinforcement/steel fabric mat (B 500 A). In the area where the retaining walls are planned, angle irons must be installed according to the attached sectional drawing and table. These iron angles will later be used to connect the concrete slab to the lateral retaining walls. The concrete slab must be at least 10 cm deeper in the area where the retaining walls will be built later (i.e. the total depth should be about 25 cm here).

See sectional drawing.

Dimensions swimming pool	"A"	"B"
490 x 300 cm	360 cm	540 cm
500 x 300 cm	360 cm	550 cm
525 x 320 cm	380 cm	575 cm
600 x 320 cm	380 cm	650 cm
623 x 360 cm	420 cm	673 cm
700 x 350 cm	410 cm	750 cm
737 x 360 cm	420 cm	787 cm
800 x 400 cm	460 cm	850 cm
800 x 420 cm	480 cm	850 cm
916 x 460 cm	520 cm	966 cm
1100 x 550 cm	610 cm	1150 cm



A Width of excavation **B** Length of excavation
C Wall distance (inside) **D** Length of wall
Concrete backfill, round front side

CONSTRUCTION OF THE LATERAL RETAINING WALLS

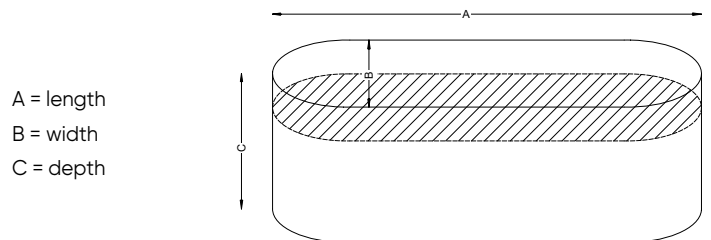
After the concrete slab has hardened, the side retaining walls are built (see table on the right for dimensions). These walls are built using 240 mm formwork blocks, which are filled with concrete. It is important that the blocks are reinforced with angle irons on both sides and vertically as well as horizontally with 8 mm round iron bars (see drawing) and are completely filled with concrete inside. Build the walls in staggered rows.

Dimensions swimming pool	Wall distance "C"	Wall length "D"
490 x 300 cm	304 cm	190 cm
500 x 300 cm	304 cm	200 cm
525 x 320 cm	324 cm	205 cm
600 x 320 cm	324 cm	280 cm
623 x 360 cm	364 cm	263 cm
700 x 350 cm	354 cm	350 cm
737 x 360 cm	364 cm	377 cm
800 x 400 cm	404 cm	400 cm
800 x 420 cm	424 cm	380 cm
916 x 460 cm	464 cm	456 cm
1100 x 550 cm	554 cm	550 cm

TABLE OF REINFORCING BARS OVAL POOL:

Please follow exactly the specifications and quantities of reinforcing bars required for your pool.

Oval swimming pools	Pos. 1 Iron angle, inside, 980 mm	Pos. 2 Iron angle, outside, 740 mm	Pos. 3 U iron, top, 740 mm	Item 4 Iron bar, vertical, quantity:	Item 4 Iron bar, vertical, length:	Item 5 Iron bar, horizontal, quantity:	Item 5 Iron bar, horizontal, length:	Total mass (kg) of the reinforcement
490 x 300 x 120 mm	30	16	16	46	1.17 m	28	1.86	61.66 KG
500 x 300 x 120 mm	32	18	18	50	1.17 m	28	1.96	66.42 KG
525 x 320 x 120 mm	32	18	18	50	1.17 m	28	2	66.86 KG
600 x 320 x 120 mm	44	24	24	68	1.17 m	28	2.76	91.31 KG
623 x 360 x 120 mm	48	26	26	74	1.17 m	28	2.94	98.65 KG
700 x 350 x 120 mm	56	30	30	86	1.17 m	28	3.45	114.98 KG
737 x 360 x 120 mm	60	32	32	92	1.17 m	28	3.73	123.43 KG
800 x 400 x 120 mm	72	38	38	110	1.17 m	28	4.44	147.33 KG
800 x 420 x 120 mm	60	32	32	92	1.17 m	28	3.76	123.76 KG
916 x 460 x 120 mm	74	38	38	112	1.17 m	28	4.56	150.35 KG
490 x 300 x 150 mm	30	16	16	46	1.47 m	36	1.86	74.19 KG
500 x 300 x 150 mm	32	18	18	50	1.47 m	36	1.96	79.89 KG
525 x 320 x 150 mm	32	18	18	50	1.47 m	36	2	80.46 KG
600 x 320 x 150 mm	44	24	24	68	1.47 m	36	2.76	109.90 KG
623 x 360 x 150 mm	48	26	26	74	1.47 m	36	2.94	118.68 KG
700 x 350 x 150 mm	56	30	30	86	1.47 m	36	3.45	138.35 KG
737 x 360 x 150 mm	60	32	32	92	1.47 m	36	3.73	148.53 KG
800 x 400 x 150 mm	72	38	38	110	1.47 m	36	4.44	177.25 KG
800 x 420 x 150 mm	60	32	32	92	1.47 m	36	3.76	148.96 KG
916 x 460 x 150 mm	74	38	38	112	1.47 m	36	4.56	180.88 KG
1100 x 550 x 150 mm	88	46	46	134	1.47 m	36	5.44	216.31 KG



PROOF OF THE STATIC CALCULATION:

Concrete according to DIN EN 1992-1-1 and reinforcing steel according to DIN 488				
Concrete strength class		C25/30		
Exposure classes		XC1, WF		
Special requirements	Concrete/cement	Concrete reinforcement steel		
		B500A		
Concrete cover	Dimensional allowance Δc_{dev}	Installation dimensions c_v	Special measures/requirements	
all-around	10 mm	20 mm		
<i>according to DBV leaflet "Concrete cover and reinforcement 2011-01"</i>				
Minimum bending roll diameter D_{min} to DIN EN 1992-1-1 Tab. 8.1DE				
Hooks, angled hooks, loops, brackets		Bar bends (inclined bars or other curved bars)		
Bar diameter (mm)	$\phi < 20$	$\phi \geq 20$	Minimum value of concrete cover perpendicular to the bending plane	
D_{min}	4 ϕ	7 ϕ	$> 100 \text{ mm and } > 7\phi$ $> 50 \text{ mm and } > 3\phi$ $\geq 50 \text{ mm and } \geq 3\phi$	
Spacer (formwork)		to DBV leaflet		
*Concrete cover and reinforcement" (tab. 4: Layout)				
*Spacer": Type designation as specified by factory/executing company.		Distance in longitudinal direction: max $s_1 = 500 \text{ mm}$, in transverse direction 2 pcs. each.		
See also plan no.		Static pos.		
a	2022-07-28	TS	3D views are prepared at the request of the client.	
Index	Date	Name	AMENDMENT	
This plan is valid only together with the architect's plans. Any deviations must be agreed with the site management.				
<p>Ingenieurgruppe Knörnschild & Kollegen GmbH Ernstplatz 8 • 96450 Coburg • Tel. +49 9561 8842-0 • Fax +49 9561 8842-11</p>		Date	Name	
		Edited	2022-06-21	T.Sultani
		Checked	2022-06-23	JP
		Seen		
Client/contractor	CF - Group Deutschland GmbH		Approved by test report	
	Bahnhofstr. 68 73240 Wendlingen		dated	
Construction/Worksite	Waterman GmbH		Scale	
			1:25	
Subject-matter	Formwork reinforcement		Plan no.	
			1	
			a	
Auftrags-Nr. (MKIC)				
22-0076				
For construction projects subject to submission, this plan must be approved by an inspection engineer before starting construction.				
Our drawings are protected by copyright. Rights of use are granted only for the commissioned object.				

FIXING THE STEEL WALL TO THE RETAINING WALL

After the steel wall has been set up, it must be fastened to the side retaining wall in the upper area (approx. 10 cm below the top rail) with dowels and countersunk head screws. Depending on the size of the pool, we recommend to use 1 dowel (6 mm) each at a distance of 50 cm and to fix the steel wall with a countersunk head screw. Following this, pad the screw heads with a PVC-compatible adhesive tape (not included) from inside the pool to protect the liner.

STEEL WALL SETUP, INSTALLATION LINER, TOP RAIL & CONCRETE BACKFILL

All further assembly steps and regulations to be observed are identical with those for round pools. Please continue reading on page 16 of this manual.

MAINTENANCE AND SERVICING OF YOUR POOL

MECHANICAL AND CHEMICAL WATER TREATMENT

To remove all dirt particles falling into the water and to ensure a proper circulation, it is necessary to connect a filter system to your swimming pool. The system is connected via a built-in skimmer and the cleaned water is recirculated via the inlet nozzle. In addition, it is imperative to ensure a proper chemical water treatment. This means it is necessary to regularly check the pH value (optimal = 7.2, tolerance range = 7.0 to 7.6) and adjust it, if required. For disinfection and oxidation, please use either chlorine products or, alternatively, oxygen components. Never add water care products directly into the pool; instead, always use a dosing float or an external chlorine feeder or dosing system.

If, for example, chlorine tablets should fall into the water, they can cause permanent damage/discolouration of the liner.

LINER MAINTENANCE AND CARE

The use of the necessary disinfectants can cause a slight discolouration of the liner over time. Dirt/grease in the upper part, at the level of the water line, can be removed with our edge cleaner; for spring cleaning (with the pool being empty), use our acidic basic cleaner, which also eliminates limescale deposits. Small holes in the liner can be repaired, e. g. with a repair kit/underwater glue. Add fresh water regularly and change the water completely every 2 years at the latest.

WINTERING

All steel wall swimming pools are winterproof and must be filled in the winter. Lower the water level just below the skimmer; the inlet nozzle can be closed with a cap. In the autumn before wintertime, add a winter preservative to the pool water, so you do not have to change the water in the spring. Never break any ice plates that form on the pool surface, and never step onto or skate on a frozen surface. Damage to the liner may result in loss of water during the winter and thus in a collapse of the swimming pool. It should therefore be checked regularly. Cover the pool with a winterproof tarpaulin in the autumn. Do not use any boards/planks or other homemade coverings as they may damage your pool. When the water level has been lowered for the winter, ensure that the used cover tarpaulin is sufficiently large to rest on the surface of the water. If cavities are formed under the cover tarpaulin, this can result in severe damage to the swimming pool (even to a bending of the steel wall) due to the pressure of rainwater.

WARRANTY CONDITIONS FOR YOUR SWIMMING POOL

We grant a 6-year warranty on the durability of liner and steel wall of your Exclusiv swimming pool (excluding additional accessories such as pump, ladder, etc.), (see warranty table).

The declining warranty includes the following:

- UV resistance of liner
- Rot-resistance
- Stability of the weld seam
- Corrosion of the steel wall (no rust film)

Requirements for asserting a warranty claim:

- The pool must always be installed in accordance with the specifications listed in the assembly instructions.
- You have to submit the sales receipt with legible date that clearly demonstrates which product was bought.
- In case of inground pools, the steel wall must be protected from the outside by waterproof polystyrene (standard pools without warranty for inground installation). A concrete backfill is required in addition.
- A synthetic, rot-proof protective fleece or a floor tarpaulin must be placed on the clean ground, underneath the inside lining.
- The pool is designed for single assembly and is not suitable for multiple assembly and disassembly.
- Ensure that the protective layer of the steel wall is not damaged during assembly and disassembly.
- Check immediately that all supplied parts are complete.

General warranty conditions:

- A standstill or lack of usufruct of the purchased good while waiting either for the delivery of an element that was missing in the delivery of the pool or for repair or replacement, does not give reason to rent material and does not entitle to contractual compensation of any kind.

- The guarantee is limited to shipping the part recognized as defective by our experts as a replacement or to the repair of this part, at the discretion of our experts. Under no circumstances can such parts give reason for any refund.
- We reserve the right to reject a warranty claim when you use products from other manufacturers which are not compatible with our items/products.
- Transport costs are to be borne by the owner of the objected goods.
- All additional costs associated with the replacement or repair of the parts identified by our experts as defective, such as labour, travel, demounting, packaging, transport, standstill, inspection, pool cleaning, reconstruction, loss of water or replacement, treatment chemicals, etc., as well as the risk, are always to be borne by the owner and are not covered by the warranty.
- Regular checks and fastening of all screw connections (dependent on model).
- In case of a free replacement delivery, the limitation period according to §212 BGB (German Civil Code) does not begin anew.

WARRANTY EXCLUSION

- Mechanical damage of any kind
- Rust film and damage to the steel wall due to the installation of components.
- If repairs are carried out by a third party that has not been authorized by the manufacturer or its subsidiaries. Damage and consequential damages caused, for example, by incorrect use of water care products.
- Incorrect assembly, including incorrect assembly of components, or parts that are incompatible with the materials used in our products.
- Normal wear and tear.
- Winterization of the pool without water or use for purposes other than its intended (e.g. ice skating) are not permitted.
- Also excluded are personal injuries, damage caused by natural disasters (flooding, wind, etc.), damage due to deficient ground conditions (movement, sinking, slipping, groundwater, etc.), damage caused by external factors/third parties.
- Salt water pools: Although it is generally safe to disinfect with salt water and electrolysis, we do not assume any liability/guarantee for rust damage caused by salt water.

6-YEAR DEGRESSIVE WARRANTY

Period	Percentage	Amount to be paid for required spare part
within 2 years	100 %	full warranty
from 3rd year	80 %	20 %
from 4th year	60 %	40 %
from 5th year	40 %	60 %
from 6th year	20 %	80 %

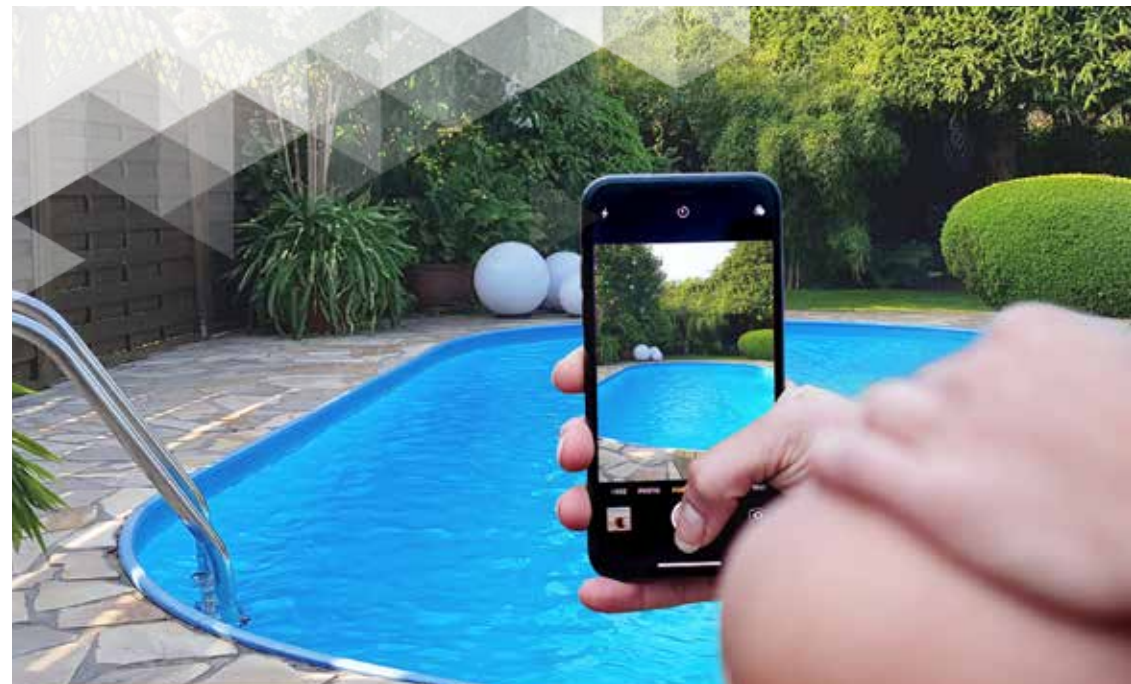


PHOTO COMPETITION

Please send photos of your completed pool to: service@waterman-pool.com
They will be rated and may even win a prize, provided we can use them for advertising purposes.



REGISTRATION OF A COMPLAINT

CF Group Deutschland GmbH
After-sales service
Bahnhofstr. 68
73240 Wendlingen/Germany
Telephone: +49 7024 4048 100
Fax: +49 7024 4048 690
E-mail: info.de@cf.group

Your contact data

Name* _____

Address* _____

Postcode/City* _____

Phone* _____

Mobile _____

Fax _____

E-mail* _____

It is mandatory that you attach a proof of purchase* to your claim! (A proof of purchase like a sales receipt is mandatory for any warranty claims. Without proof of purchase, it is unfortunately not possible for us to acknowledge/process a complaint).

Please attach relevant photos* of the damage to your complaint! (Photos of defective item.) These allow us to better evaluate the facts. In addition, the complaint can be processed faster and unnecessary costs and waiting times are avoided for all involved.

I bought the product (model) on _____ with article number _____ from (company) _____ at ZIP/place _____.

I want to submit the following complaint (Please include a precise description):



For a smooth, fast and uncomplicated processing of your complaint, it is important that the registration form is completely filled out in block letters and submitted together with all required documents (proof of purchase or sales receipt/images). A proof of purchase like a sales receipt is a mandatory prerequisite for all warranty claims. Without proof of purchase, it is unfortunately not possible for us to acknowledge/process a complaint. Relevant photos regarding your complaint will help us to evaluate the facts more quickly. This will save both you and us unnecessary costs and waiting times/delays.

By post to: **CF Group Deutschland GmbH Kundendienst, Bahnhofstr. 68, 73240 Wendlingen**
By fax to: **+49 7024 4048 690**
By E-mail to: **info.de@cf.group**
You can download the registration form here: <http://reklamation.waterman-pool.com>



Place* _____ Date* _____ Signature* _____



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