



The Leader of Luxury Pool
Innovation & Healthy Pool

*i*STEEL POOL

Quality swimming pools at outstanding value.



iSTEEL POOL

iSteel Pool is a prefabricated swimming pool system from J.D. Pools, designed for customers who want an internationally certified, high-quality pool within a manageable budget and with a fast installation timeline.

The pool body can be configured as an Oval shape, giving a modern look with two rounded ends. It can also be tailored to the customer's living space the pool's length can be chosen to suit the area available.





Intelligent Panel

A smart wall panel that adds extra reinforcement on the two main sides of the pool.

Made of polypropylene with concrete poured inside, it is exceptionally strong and eliminates leaks, settlement and cracking caused by external pressure on the pool. A registered J.D. Pools utility model ("Petty Patent").



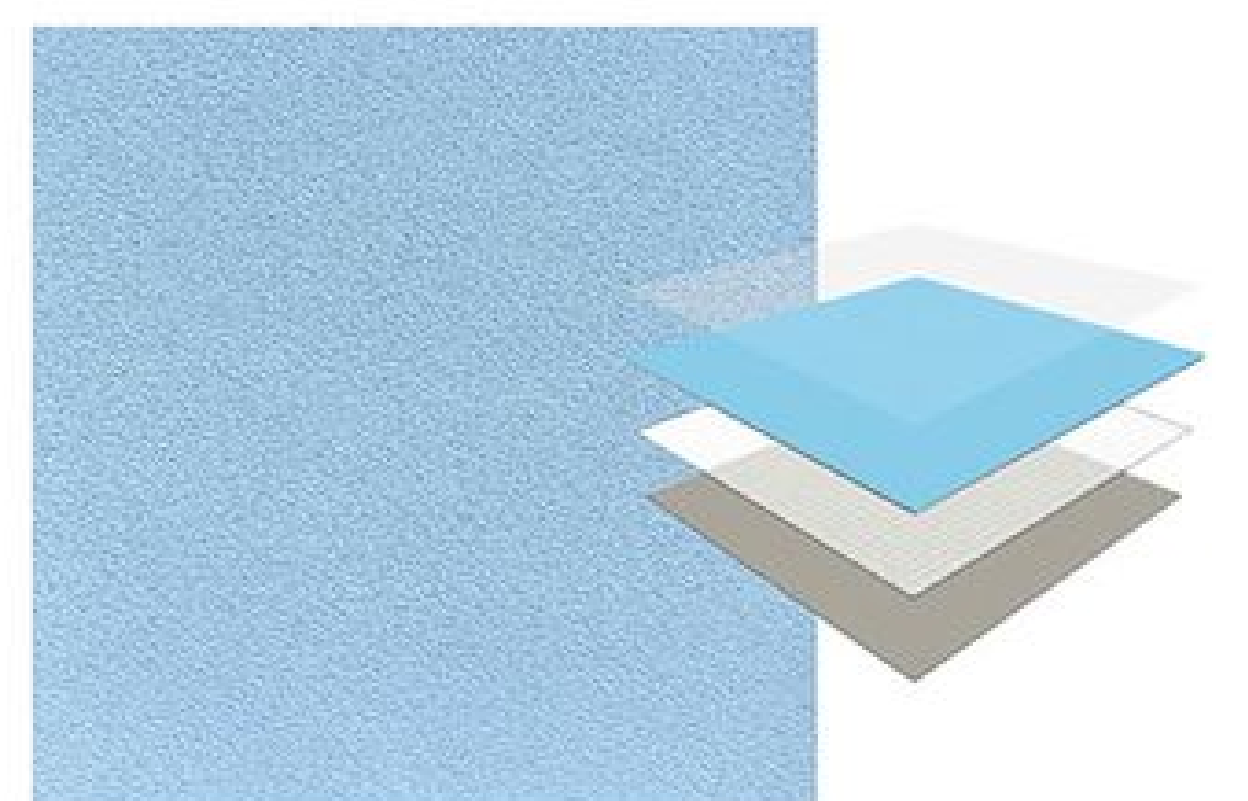
Pool Wall Structure

The iSteel Pool wall structure is manufactured from high-quality steel, hot-dip galvanized to protect against rust from within, in line with European standards. The surface is coated with a special two-layer protective coating to improve resistance to moisture and water-borne chemicals. It is strong, rust-resistant, safe and environmentally friendly. Wall thickness: 0.6 mm for pools up to 1.20 m deep.

iSteel Wall Specifications

- High-quality steel wall, hot-dip galvanized to EN 10346
- Additional protective coating in accordance with EN 10169
- Excellent corrosion resistance — protection Class RC 3
- Chromium-free paint, compliant with the REACH regulation

Installation: easy to install using an aluminum plug-profile edge-connection system.



Surface Lining (Liner)

The water-facing surface uses a prefabricated PVC liner produced at the factory, 1.0 mm thick. The PVC liner is UV-resistant and flexible, allowing for quick installation.



Smart Filtration System

iSteel Pool comes with a fully assembled filtration package built around carefully selected, durable, energy-efficient components.

- Structure made from high-quality fiberglass — strong, resistant to moisture and chemicals.
- Compact design, well suited to pools with limited surrounding space.
- The unit does not protrude into the pool, so it doesn't intrude on the usable swimming area.
- A separate pump room adds installation flexibility and makes servicing easier.
- Less pipework means lower leakage risk and easier long-term maintenance.
- Two-stage filtration:
 - Stage 1: Coarse basket filter to catch leaves, insects, etc.
 - Stage 2: Cloth filter bag with 5-micron filtration precision.

Filter unit specifications

MODEL	CL20-R
Power (Hp)	1.25 (47/16)
Rate (m³/hr)	20
Precision of filtration	5µ
Pool Volume (m³)	80



Salt System for Healthier Water

An innovative water-treatment system that uses natural salt to look after water quality automatically. It reduces the use of chemicals and keeps the pool clean, safe and gentler on the body.

The salt system generates chlorine at just the right level — no harsh smell, no stinging eyes, no skin irritation. You can swim for longer without your hair drying out or your skin darkening. It is especially well suited to children, elderly users and anyone with allergies or respiratory sensitivities.

- No direct chlorine chemicals — no pungent odor.
- Friendly to skin, hair and eyes.
- Non-sticky feel, non-irritating, no skin darkening.
- Environmentally friendly.
- Fully automatic operation — easy to manage.



Prefabricated Fiberglass Pump Room with Control Cabinet

A ready-made pump room manufactured from high-quality FRP (Fiberglass Reinforced Plastic) that resists UV light and chemicals. Strong and durable, it can be installed on the pool deck and comes with a piping and valve kit for connecting to the pump. This dramatically simplifies pump installation — just connect the suction and supply lines to the pool's plumbing.



Decorative Finishes & Accessories



Underwater Lights
Minimal All-in-One design with intelligent, energy-saving controls. High brightness, IP68-rated and easy to install.



Pool Ladder
Premium ladder produced with the latest European machinery and technology. 43 mm grab-rail in polished AISI-316 stainless steel for excellent corrosion resistance. Includes anti-slip stainless steel treads and a full mounting kit compatible with any pool style.



Natural Stone Coping
Natural stone in warm yellow tones with a beautiful, organic texture. Adds standout style and luxury to the pool edge, with non-slip properties and good heat dissipation.



Patterned Stamped Concrete
A specially patterned concrete deck that looks like natural stone but is stronger, more durable and easier to maintain.



Chemical & Equipment Care Kit
A chemical kit and the basic tools needed to keep the pool clean, clear and safe covering water-quality control, cleaning and routine maintenance.

iSteel Pool Construction Process



Layout & Pool Positioning
The team arrives on site, takes measurements, and sets the pool's position, depth and orientation to match the design and the available area.



Excavation & Ground Leveling
Excavate the pool pit to the specified dimensions and bring the floor down to 1.4 m below the reference ground level. Compact the soil evenly and firmly across the entire footprint, ready for construction.



Pool Base Preparation
Lay the floor reinforcement (RB9 wire mesh at 20 cm spacing) to help distribute the load, reduce cracking and increase the floor's strength.



Install the iPanel Smart Wall Structure
Install the iPanel structure to reinforce the sides of the iSteel pool.



Pour Concrete for Walls and Base
Pour concrete for the floor and walls to lock the entire structure in place. Trowel-polish the pool floor to a smooth, even finish.



Install the Filtration System and Pool Equipment
Install the filter unit and pump room, plus the plumbing and electrical systems.



Install the iSteel Pool Walls
Check and adjust the wall alignment so the pool sits perfectly level, ready for the interior finishing stage.



Install the Prefabricated PVC Liner
Install the prefabricated PVC liner, smoothing it tight against the floor and walls so there are no creases or wrinkles.



Install Lighting, Plumbing and Surrounding Finishes
Fill the pool with water and squeeze out any air bubbles under the liner so it sits perfectly smooth and wrinkle-free. Run the underwater lighting and plumbing, and finish the deck around the pool.



Water Treatment, Final Inspection & Handover
Treat the water, perform a final inspection, and hand over a fully ready-to-use pool to the customer.



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POOL DESIGN AND CONSTRUCTION CENTER

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Central

- J.D.Pools Bangkok
- J.D.Pools Hua Hin
- J.D.Pools Kanchanaburi
- J.D.Pools Samut Prakan
- J.D.Pools Saraburi

Northern

- J.D.Pools Chiang Mai
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