



CATALOGUE 2026

Pool covers and movable floors

**Rollo automatic covers — heat-fusion
welded polycarbonate slats**

Invisible · Land · Retro

Movable pool floors

a pool at any depth, or a terrace

Engineered, manufactured and installed by us. Our
own engineering, architectural and design team
works on every cover and every floor.

bart-pools.ae

+971 52 299 6831





WHY A COVER

The pool closes itself, automatically, in a few minutes

Floating **heat-fusion welded polycarbonate slats** roll out over the water at the press of a button — a switch at the pool side or a radio remote — and roll back when you want to swim. A few minutes, and nothing to drag, fold or store.

What it does for you

- Keeps sand, dust and debris out of the water.
- Protects the water from direct sun, so chemical consumption falls dramatically — around half — and the chlorine holds three to four times longer.

Running cost

A closed pool costs far less to run — up to 70% less over a year. Most of that saving is the chiller or heater: covered, the water is no longer in direct contact with the air, so it holds its temperature instead of fighting it. Water and chemicals follow: an uncovered pool here loses up to 10 mm a day in summer, 3 to 4 mm in winter.

Choosing a colour for this climate

Transparent slats let sunlight through and warm the water — welcome in winter, unwelcome in July. White and light opaque slats reflect the sun and keep the water cooler, which is why most GCC clients choose them.

Chilled pools

The heat-fusion welded slat is twin-wall, with sealed air chambers between two skins — insulation a single-membrane cover cannot give. Closed, the chilled water is no longer exposed to the sun and the hot air above it, so the unit runs less and holds temperature far better.

Safety is why most people buy one

A closed cover turns open water into a solid surface that carries weight. With small children or pets around, that is a dramatic difference, and it is why most clients order a cover.

It is not a walking surface and not somewhere for a table and chairs. No cover promises complete safety or replaces supervision — but a closed pool is far safer than an open one. The certification position is set out in the technical data sheets.

THE ROLLO RANGE

Rollo — three lines, one difference: where the roller sits

The heat-fusion welded polycarbonate slats, the drive principle and the build quality are the same. What changes is how visible the cover is, and how much work the pool has to take.

INVISIBLE

Out of sight

The roller is fully concealed — in a recess built with the pool, or in a tiled bench housing. Either way the wall is cored and the housing is fixed to the structure, so this is building work. When the pool is open you see only water.

LAND

On the deck

The roller sits on two brackets bolted to the finished deck. The pool structure is untouched and the pool is not emptied, so it suits existing pools and quick retrofits. The roller and slats stay visible.

RETRO

In the water, on the wall

The roller is mounted on wall brackets below water level at the end of the pool. It fits existing pools without a pit. The roller is visible under water unless it is screened.

	Invisible	Land	Retro
Roller position	Recessed in a housing	Above deck, on brackets	Submerged, on wall brackets
Civil works	Yes — recess or bench housing, fixed to the structure	Bracket fixings into the finished deck	Wall brackets fixed to the pool wall
Pool structure touched	Yes — the wall is cored	No	No — the shell is never cored
Pool emptied	Part of the build; pool out of use	No	Partly — lowered, not emptied
Maximum pool area	No limit — drive and shaft engineered for the pool	50 m ²	80 m ² , or 120 m ² with the heavy-duty drive
Pool length	Made to measure		
Pool width	Up to 5.80 m standard — customised up to 11 m	Up to 5.80 m	Up to 5.80 m standard — customised up to 11 m
Drive	24 V DC, IP68 submersible, inside the roller tube	24 V DC, IP54, at the bracket	24 V DC, IP68 submersible, inside the roller tube
Best for	New builds and major renovations	Existing pools, fast retrofit	Existing pools, no deck changes

Rollo Invisible

Nothing on show

The roller is fully concealed. When the pool is open you see water and nothing else.

With recess

Built into a recess formed as part of the pool construction — under the terrace, below the floor, behind the wall or beneath the steps. Nothing is added to the pool. Specified at design stage.

With bench housing

The roller sits in a submerged housing fixed inside the pool, so it can be added to a pool that is already finished — and you gain a bench. The wall is still cored for it.

There is no area limit on Invisible. Above 5.80 m the cover is engineered for the span, up to 11 m wide, driven from both ends by synchronised motors: one cover on one shaft, not two side by side.

Bench and beach housing — our own design

Most housings on the market are made of PVC sheets, and PVC flexes. Tile a surface that flexes and the tiles crack off it — a problem here, where the bench and the beach are always tiled or mosaiced. Ours are built to be tiled: 316 marine-grade stainless and FRP, calculated so deflection stays minimal under a full tile finish, with their own locking system.

Buoyancy is engineered into the housing, so for maintenance one technician lifts it out of the water by hand — no draining, no lifting equipment. Every metal part we supply — housings, shaft, brackets, fixings and the overflow set — is 316 marine-grade stainless, never 304, which pits at Gulf chloride levels.

Where the housing can go



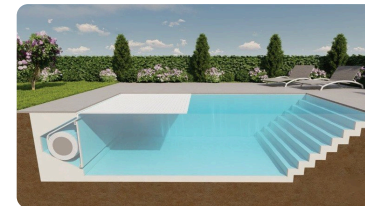
Terrace

Dry housing beside the pool, closed with a deck lid.



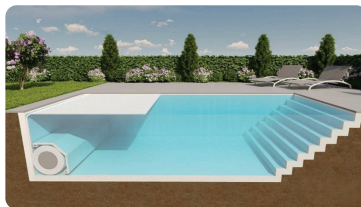
Terrace, high water

As terrace, for pools with the water level at deck height.



Backpack

Housing behind the end wall, the cover passing through a slot.



Bench

Roller in the pool behind a bench wall that doubles as seating.



Beach

Roller hidden beneath the entry steps.



Floor

Pit below the pool floor at the shallow end.

Maximum covered area

No limit — engineered for the pool

Pool width

Up to 5.80 m standard; customised up to 11 m

Drive

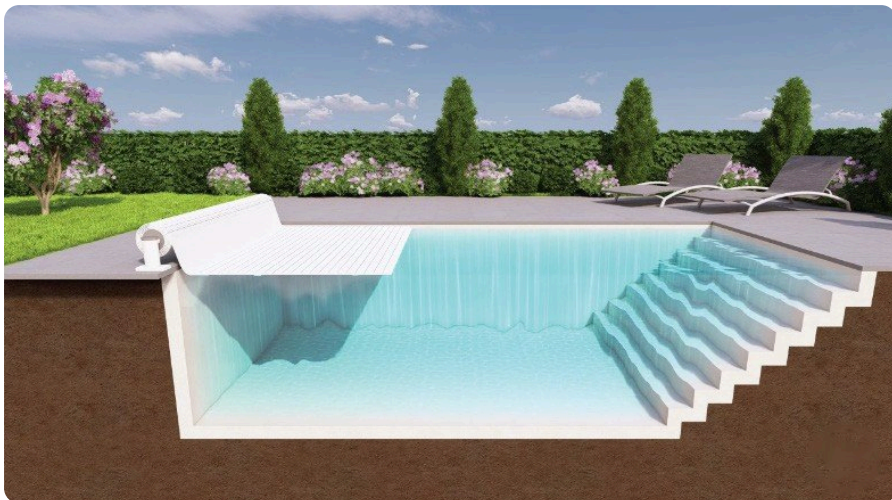
24 V DC, IP68 submersible, inside the roller tube

Overflow pools — yes

A common question, and the answer is yes. Our stainless steel overflow set holds the slats inside the coping, so wind cannot push the cover out of the pool. The bench, backpack, beach and floor housings all suit overflow pools.

Not sure which suits your pool?

Each name links to a short film of that configuration. Send the pool drawing or a few site photos and we will tell you which housings fit.



Roller above deck level on end brackets at the pool edge.



Rollo Land

On the deck, no building work

The roller sits above deck level on two brackets bolted to the finished surface. No recess, no pit, no change to the pool structure, and the pool is not emptied.

- Aluminium brackets with a white baked paint finish, supplied in pairs.
- Bracket height is chosen from the pool length so the rolled cover clears the deck.
- Allow 100 mm of deck on each side beyond the pool edge for the bracket base.
- The same **heat-fusion welded polycarbonate slats**, the same build quality and the same radio remote as Invisible and Retro — only the mounting is different.
- The most economical of the three lines.

The trade-off: the roller and slats stay visible at the pool edge when the pool is open. For pools above 50 m², Retro or Invisible applies.

Suitable for	Existing private and light commercial pools
Maximum covered area	50 m ²
Pool width	Up to 5.80 m
Drive	24 V DC, IP54, at the bracket



A family pool, cover half open. The roller sits in the water at the far end; nothing was built to take it.

Rollo Retro

For the pool you already have

The roller is submerged at one end of the pool, carried on stainless steel L-brackets fixed to the face of the pool wall. No recess, no excavation, no builder.

- Nothing is cored through the wall, so the pool shell is never penetrated and there is no leak risk.
- The pool is lowered, not emptied — the water and its chemistry are kept and the pool is back in use the same day.
- One coping tile is lifted at each end and replaced once the brackets are fitted.
- The only submerged arrangement suitable for a fibreglass shell, which cannot be cored without compromising its structure and warranty.
- The cover itself is identical to Invisible — only the mounting differs.

The trade-off: the roller and slat pack are visible under water at the end of the pool.

Suitable for	Existing concrete, tiled or fibreglass pools
Maximum covered area	80 m ² , or 120 m ² with the heavy-duty drive
Pool width	Up to 5.80 m standard; customised up to 11 m

The slat

Heat-fusion welded polycarbonate slats

Two things separate our slats from the rest: the material, and how the ends are closed. Polycarbonate, not PVC — PVC softens, bows and yellows here. And a **heat-fusion welded** end cap instead of a glued one.



The welded end cap that seals each slat.

Why the weld decides everything

Most slats are closed with a cap held on by glue or silicone. Glue shrinks, yellows and lets go, and the slat takes on water. Once water is inside a chamber it cannot be cleaned or emptied — it sits there and grows algae and bacteria, visible through a transparent slat and impossible to fix.

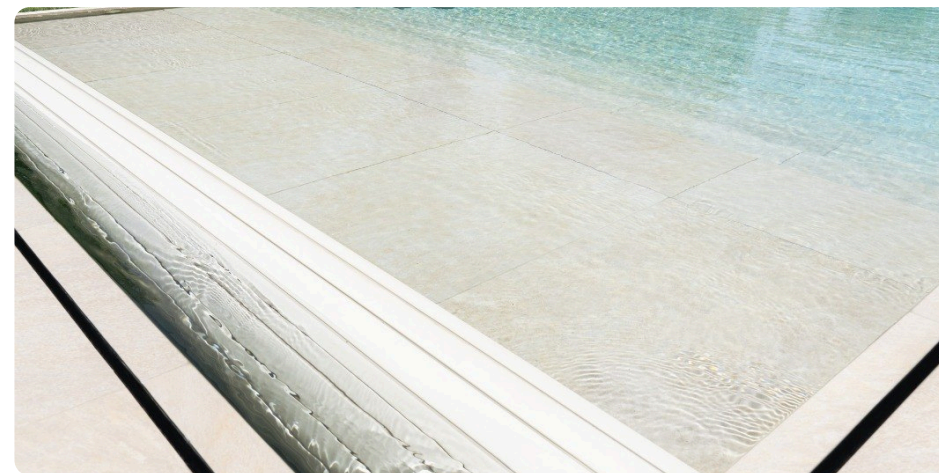
Ours are **heat-fusion welded**: the polycarbonate cap is fused to the polycarbonate body, one material, no adhesive, a continuous watertight seal. No water gets in, so nothing grows in there.

It also protects the insulation. The slat is a twin-wall chamber and the trapped air is what insulates the water from the heat above it. Let water in and the insulation is gone, the buoyancy with it, and the drive carries the extra weight for the rest of its life. We heat-fusion weld every slat ourselves, on our own machines here in the GCC.

- **UV protection co-extruded into both layers** — not a coating that wears off.
- **Not solar slats.** In Europe a cover is specified to heat the pool; ours to keep heat out.
- **60 mm pitch, multi-chamber profile**, for buoyancy and insulation.
- **Made here, to your pool**, so the lead time is short.

The colour

Two choices, for two different reasons



White slats running into the water, clear of the coping.

White

THE EFFICIENT CHOICE

White polycarbonate, not the white PVC most covers are made of. Technically the better of the two: it reflects the sunlight and keeps the heat out of the water, which gives the best result on a chilled pool.

Transparent

THE DESIGN CHOICE

For the client or architect who wants the cover to do more than work. It reads as part of the design rather than a lid: the colour of the water still shows through, and the pool still looks like a pool when it is closed.

Both are held in stock. Other colours are made to order, with a longer lead time and a minimum quantity.

HOW WE WORK

From drawing to a working cover

1 • Review

You send the pool drawing or site photos. We confirm the line and configuration that fit.

3 • Measure

We measure the finished pool on site. Slats are cut to the measured width, never to the drawing.

5 • Install and hand over

Delivery, installation and commissioning, with a walk-through of daily use and care.

2 • Housing details

For Invisible, we issue the pit, bench or slot details your contractor builds to.

4 • Manufacture

The cover is assembled to your pool dimensions in our own workshop.

Included

- Slatted cover made to your pool dimensions
- Roller, drive and control box
- Radio remote control, range up to 50 m
- Delivery, installation and commissioning

By others

- Civil works for the housing, lid and slot
- Power supply to the control box position
- Water filling and pool chemistry
- Site supervision and project management



Warranty

24

months on the slats

12

months on the drive motor and controls

From the date of invoice. Colour change of the slats is not covered. Low-voltage 24 V DC system; service and spare parts from our own team here.

WHY BUY HERE

A manufacturer down the road, not a reseller with a container on the water

Most covers and floors in this region are sold by resellers and built somewhere else. Everything then runs on someone else's production queue and someone else's shipping schedule — and you are three parties away from the people who could answer your question.

Lead time — pool covers

2-4 weeks, from order to a working cover

We hold slats and shafts up to 11 m, so a standard cover does not wait on a shipment. Imported covers are usually quoted in months.

Lead time — movable floors

2-3 months, where 9 to 12 is normal

Because the material is already here. That difference decides whether a floor survives the programme or gets value-engineered out of it.

What sits in stock

- Material for five movable floors.
- Material for twenty to forty pool covers.
- Slat and shafts up to 11 m, for custom widths.
- Spare parts for everything we have installed.

You buy from the manufacturer

Not a distributor, not a reseller. The advice, the quotation, the drawings, the answers your contractor and consultant need, the production, the installation and the spare parts on the shelf afterwards — all of it is ours. Nobody's commission sits on top of the price, and when something needs attention there is no one to pass you to.

You also talk to the people who built it. Questions about a detail, a tolerance or a change on site are answered by the engineer who drew it, not relayed to a factory in another time zone.

Vertical integration, or a one-stop shop

A cover or a floor is a technical product that has to keep working for years. A reseller sells it and moves on: no engineering behind it, no spare parts on a shelf, no team that can come out. We do all of it ourselves — design, production, installation, service and spares — which is the whole reason to buy from a manufacturer in your own region.

What that is worth on site

- A cover ordered after the pool is tiled still meets handover.
- A floor can enter a programme that is already running.
- A damaged slat or a failed motor is replaced from stock, not ordered abroad.
- A late change to the pool size is absorbed in the workshop, not renegotiated with a supplier.

Where we are

Everything under one roof at KEZAD, halfway between Dubai and Abu Dhabi: engineering, manufacturing, assembly, the warehouse, and after-sales. Nothing sits in another country waiting to be shipped to you.

Unit B14-06, KLP4, KEZAD, Abu Dhabi

Movable pool floors

One pool, every use you have room for

One courtyard, four settings, one control. The floor rises and lowers inside the pool on its own drive: at deck level the water disappears and the space becomes terrace; lowered, it is a pool at whatever depth you set that day.

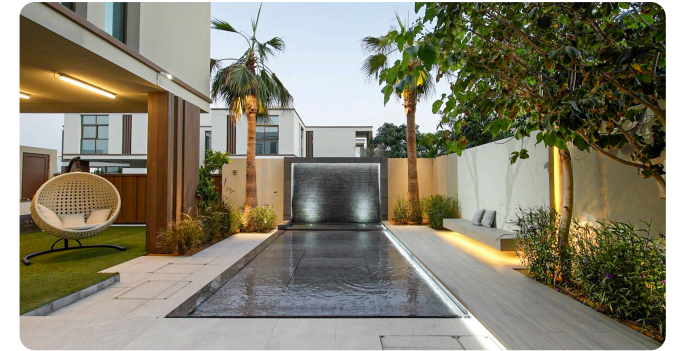
Why a movable floor

- **No pool at all, when you want none.** With the floor up there is no water in sight — the space is pure entertainment area, and on a plot where the pool takes the whole garden you stop choosing between water and usable outside space.
- **Safety for children and family.** With the floor up there is no open water at all — the pool is not covered, it is gone. At deck level the floor locks, so it stays where it is put.
- **It carries weight.** 200 kg/m² on top of the tile finish — on an 8 × 4 m pool, more than 6,000 kg. Furniture, guests and a set table are nothing to it.
- **The pool is fully insulated.** With the floor up, the water is closed off from the air above it — the heating or chiller load drops accordingly.
- **One pool, several uses.** Swimming, teaching, a splash pad, a water feature or a dry terrace, chosen on the control.



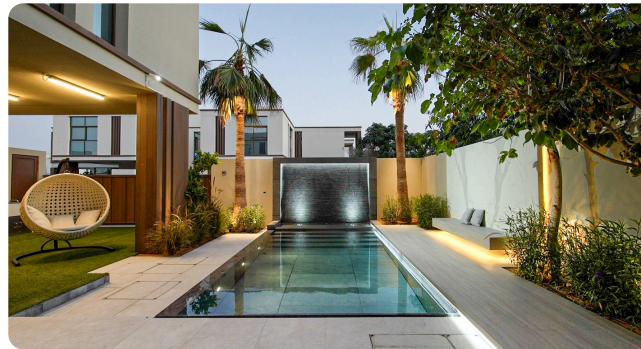
Floor up — a terrace

Flush with the finish around it. Dine on it, walk across it.



A splash pad, or a pool for small children

A few centimetres of water over the floor, set on the control.



Floor down — a pool at full depth

1.60 m, with steps running the full length of the pool.



At maximum depth, in the evening

The same pool with jacuzzi nozzles and a counter-current unit, over a movable floor.

What almost nobody else will build

Any shape, any design

Curves, corners, irregular outlines — the floor is built to the pool, not the pool to the floor.

Overflow pools

With the level control and balance tank sized for the floor, so the deck stays dry.

Any depth

No limit. The structure and the drive are engineered for the depth you ask for.

More than one floor

Two or more floors in the same pool, each moving on its own control.

HOW IT WORKS

The floor, the water and the deck

Three things have to work together: the floor itself, the water it displaces, and the finish that makes it read as part of the house.

The floor

A structural platform that travels up and down under its own motors. It works on buoyancy: the platform is engineered to float with its finish in place, so the drive controls the movement rather than lifting the weight. Marine-grade stainless throughout, and the motors are submerged in the system.

At deck level the floor locks: no movement, no give, nothing that tells you the surface is floating.

Load-bearing capacity 200 kg/m² on top of the tile finish, which the structure already carries. On an 8 × 4 m pool that is more than 6,000 kg on the floor.

The water

As the floor rises it pushes water out of the pool, and as it lowers the water returns. On an overflow pool the level control drops the pool level by about 5 cm the moment the floor starts up, so the deck stays dry and the balance tank takes the rest.

Tank volume is sized with the floor at design stage. Getting it wrong is the classic fault on floors installed by others.

The finish

The floor is tiled or clad to match the deck, so at terrace level the eye reads one continuous surface rather than a lid. Perimeter joints are detailed to the tolerance of the coping.

Tile format, weight and slip rating are agreed before the floor is built.

What is calculated for every floor

Buoyancy	Steps engineering
Structural and tension	Motor selection and speed
Bending	The locking system
Depth — no limit; the floor is engineered for the pool it sits in	Stability pack, for irregular shapes
An irregular floor is built to the outline of the pool and held level as it travels by the stability pack.	

Materials

Everything in a movable floor lives in the water, cycling up and down in it. So we specify an isophthalic resin system rather than general-purpose polyester, which lets water in and blisters; a closed-cell core that cannot take on water; and 316 stainless throughout. Specified for chlorine 1.0–3.0 ppm, salinity to 3500 ppm, pH 7.2–7.6 and water to 40 °C.

What we can build

- More than one floor in the same pool, each on its own control.
- No depth limit — the floor is engineered for the pool it sits in.
- Any outline, curves included, with matching steps.
- Any tiling pattern the architect draws, carried across the floor.
- Small formats too — mini pools, jacuzzis, plunge pools, and floors built for yachts.

Why the tolerances are in millimetres

A movable floor is fitted to a pool, not into it. The structure, the steps, the motor speed and the drive all follow from decisions taken early — including the tile. Tile choice changes the weight, which changes the buoyancy, which changes the structure and the finished size of the floor. Choose the tile late and something has to be rebuilt.

WATER, OPERATION AND SUPPORT

What happens after the floor is built

A floor is a mechanical system living in treated water. Two things decide whether it is still working in ten years: the hydraulics designed around it, and who looks after it.

Water treatment beneath the floor

Water under a raised floor is still pool water, and it still has to circulate, filter and disinfect. We design the hydraulics so the volume under the floor turns over properly at every floor position — filtration built around activated filter media, with the circulation points placed so nothing sits stagnant in the corners.

A floor added to a plant room designed for an ordinary pool is where the trouble starts: poor turnover under the floor, cloudy water, and an owner who blames the floor.

Operation and safety

- Movement is deliberate and slow, from a controlled station, and stops when released.
- At deck level the pool is closed off — a real deterrent, though it is a mechanical system, not a certified safety barrier.
- A power failure leaves the floor where it stands; it does not drop.

After we hand over

- Installation by our own engineering team, not subcontracted.
- After-sales support, with spare parts held locally.
- Maintenance programmes, so the floor is inspected on schedule.
- Technical training for your operations team where needed.



Two pools on one deck, with the plant and treatment behind them sized for both.

WHERE IT FITS

When a movable floor is the right answer

- **Small plots, and waterfront plots.** The pool would swallow the garden. With a floor, the same area is terrace whenever you want it — which matters most where land costs the most.
- **Families.** Shallow while the children are small, deeper as they grow, without rebuilding anything.
- **Hospitality and wellness.** One space that serves as a pool in the day and an event or dining floor in the evening.
- **Indoor pools.** Closing the water surface cuts evaporation and the dehumidification load, and the room becomes usable.
- **Therapy and training.** A set, repeatable depth rather than whatever the pool happens to be.

Where we have built

Movable floors in Dubai — Emirates Hills, Palm Jumeirah, Jumeirah Golf Estates — and in Abu Dhabi, on Jubail Island and Saadiyat. Projects under way in Al Furjan and in Riyadh.

What we need to start

Architectural drawings or the pool layout, the level you want the floor to reach, the finish you have in mind, and where the plant room can go. From that we tell you whether the structure can take a floor and what it changes in the design.



How we are engaged

We work as consultant, at design stage, alongside your architect and pool contractor. The engineering and consultancy engagement covers the design work; half of it is credited against the floor order.

We do not tender. Bring us in before the pool is drawn and the floor is designed right the first time — rather than fitted into a structure that was never meant to take one.

Also from us

Pool covers, movable floors and the water treatment behind them, plus counter-current units and the service that keeps all of it running. One party responsible for the moving parts of your pool.

Commercial and hospitality

Engineered in house, for pools that are not domestic

Hotels, resorts, schools, gyms, hospitals, training and military pools are a different problem from a villa: longer spans, heavier use, operators rather than owners, and a consultant who has to specify what we supply.

Engineered in house

Every system is calculated for the pool it goes into — structural, mechanical and hydraulic. Buoyancy, loads, spans, drive selection and speed and the steps are our own work, not a catalogue selection dressed up as engineering.

Drawings and calculations come from us, so questions get answered by the people who did the work.

Sizes a villa never needs

- Covers to 11 m wide, no limit on length, driven from both ends by synchronised motors — one cover, one shaft.
- Movable floors at any size and any shape, carrying 200 kg/m² above the finish.
- Special pools engineered where nothing standard fits.
- Depth set on the control: lane swimming, teaching, therapy or a dry floor.

What the consultant gets

- Technical data sheets and material specifications, written as performance specifications.
- General arrangement drawings and the calculations behind them.
- Interfaces defined early: recess, slot, plant room, power, balance tank.
- Third-party test documentation on request.

Where it earns its money

- **Hotels and resorts.** A pool deck that becomes event space in the evening.
- **Schools, clubs and gyms.** One tank for teaching, training and galas at different depths.
- **Hospitals, therapy and rehabilitation.** A set, repeatable depth for each session.
- **Army and training pools, and diving centres.** Depth set for the exercise, changed between sessions.
- **Yachts, penthouses and terraces.** Where every square metre is spoken for. The jacuzzi on a yacht deck, or the plunge pool on a penthouse terrace, rises to deck level and becomes floor you can walk on again.
- **Indoor pools and operators.** A closed surface cuts evaporation, dehumidification load and cleaning hours.

On a commercial pool the cover is still a thermal and evaporation cover, not a certified safety barrier, and the floor is a mechanical system. Where a project needs a certified safety cover, say so at design stage and we will tell you what we can and cannot certify.



A cover following the curve of a shaped pool.



WHO WE ARE

BartPools is one of the most experienced teams in this industry — over thirty years on swimming pools, covers, movable floors and the water behind them, first in Europe and since 2014 in the Gulf, with work that has been awarded more than once.

Manufacturing, assembly, service, spare parts and our installation team are at KEZAD in Abu Dhabi. We design it, we build it, and we are on site when it is installed. Not a multinational: you can reach the people who did the work directly.

BartPools UAE · bart@bart-pools.ae · +971 52 299 6831

www.bart-pools.ae

Unit B14-06 KLP4, KEZAD · Abu Dhabi, United Arab Emirates