

PREFABRICATED POOLS AND ACCESSORIES



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SKYPOOL COMMERCIAL POOLS

A versatile public pool...

Skypool Commercial Pools is the range of prefabricated panel pools developed by **AstralPool** for public pools. **Skypool Commercial Pools** is composed of a hot galvanised steel structure that facilitates the construction of all sizes of above or inground pools in a very short period of time.

The method used by AstralPool in order to protect the materials used from rust is hot galvanisation. This is an innovative process which is being applied for the first time to 2-mm thick steel sheets, and consists of immersing the steel in molten zinc baths at approximately 450°C.

Skypool Commercial Pools can be adapted to all public pool requirements with tailor made technical solutions. Movable floors and booms are available; panels and overflow gutter can be individually adjusted to absorb possible construction deficiencies in the slab or paving.

This, combined with a variety of accessories, allow a more generalised use of the pool.

A broad range of models and variations of **Skypool Commercial Pools** enable total adaptation to any existing infrastructures such as stadiums, sports halls and other venues for any type of regional, national or international event. Fixed models can also be created to increase pool facilities available such as spa installations, hotels, water parks, etc.

Skypool Commercial Pools, high-performance pool

Quick assembly

Reduced assembly time thanks to easy-to-assemble fully prefabricated components.

Extremely long-lasting

Manufactured for maximum quality, functionality and durability.

Excellent reliability

Totally safe construction system using the best components.

The best investment

No complex infrastructure required for a fully equipped pool at low cost.

FIXED MODEL

Fixed Skypool Commercial Pools

A multi-purpose pool anchored to the previously installed concrete slab with chemical anchors, can be adapted to the needs of any installation.

Depending on to your needs, you may choose between an above ground or an in-ground pool. The selection of one option or the other does not need modifications to either the assembly method or the design of the panels or anchoring system. All procedures and materials are fully compatible for both alternatives.

The size and the amount of chemical plugs will depend on the type of pool.

Fixed Skypool Commercial Pools, a multi-purpose pool fixed to the ground



Lightweight Structure

In Manchester the designers of an upmarket apartment block built their health club on the 18th floor, providing users with breathtaking views across the city. The Skypool was a perfect solution due to its low weight compared to conventional concrete structured pools. By installing Skypool panels there was no need to reinforce the actual building structure and just the weight of the water had to be taken into account.

By requiring less reinforcement, building costs can be minimised.



Watertight

An exclusive health club in Gavá, Spain, has underground parking for clients, as well as the changing rooms, below the pool and wellness area, so watertightness is a key issue. For this reason they chose Skypool. Installed on the second floor, providing seamless views over the sea, the Skypool structure and its liner guarantee 100% watertightness. The liner is placed inside the panel structure, so even if there are slight movements as the new building settles, this will not affect the watertightness of the pool.



Adaptable

The high rise Skypools enable a pool to be installed in any space when designing a new building. The pool in Beijing is located in the connecting area between two parts of the building. This facilitates more contemporary designs and allows the most optimum use of the space available.

Compact

Thanks to the compact nature of the panel structure, the pools can be installed at any height and in any space. A city centre health club, such as Arsenal in Barcelona, was able to install a roof top pool on the 6th floor thanks to the low weight structure and accessibility of AstralPool's Skypool. The panels provide for easy handling, even in installations on top of buildings and where access is problematic.

SUSPENDED MODEL

Suspended Skypool Commercial Pools

Panels are mounted onto structures which are joined via a longitudinal beam. In order to be able to withstand water pressure, opposing blocks are connected via steel cables which run length and breadth-wise across the pool floor.

In order to fully conceal the cables, a raised floor is installed. The final result is a perfectly level and consistent slab onto which the liner can be fitted. As the water fills the shell of the pool, the steel cables become tighter, counteracting the pressure exerted by the water mass on the pool structure.

Suspended Skypool Commercial Pools, an adaptable and temporary pool



Melbourne 2007

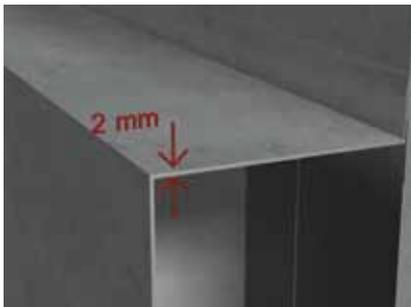
Manchester 2008



THE PANEL SET ELEMENTS

The panel set is composed of a series of elements that form the basic assembly unit. Each set is essentially made up of a panel, overflow channel and reinforcing brackets.

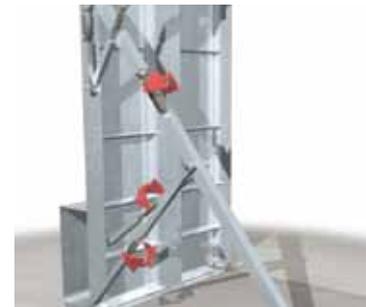
The panel, pool wall



Overflow channel



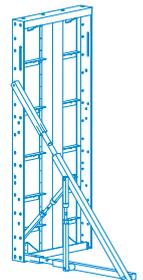
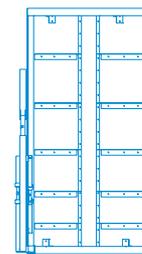
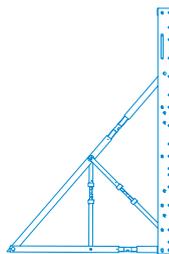
Supporting brackets



EGO Panels



Besides straight panels, we also offer **curved models (EGO panels)** which allow free form pools of all sizes to be easily constructed.



Skypool Commercial Pools panel sets

Several depths to choose from:

- 0.80 m high panel, for children's pools.
- 1.20 m high panel, for leisure pools.
- 1.40 m high panel, for leisure pools.
- 1.60 m high panel, for leisure pools.
- 1.80 m high panel, for swimming pools.
- 2.00 m high panel, for Water polo pools.

Several widths to choose from:

- 0.50 m wide panel for 12.5 m wide pools.
- 0.80 m wide panel for 16.6 m wide pools.
- 1.00 m wide panel.

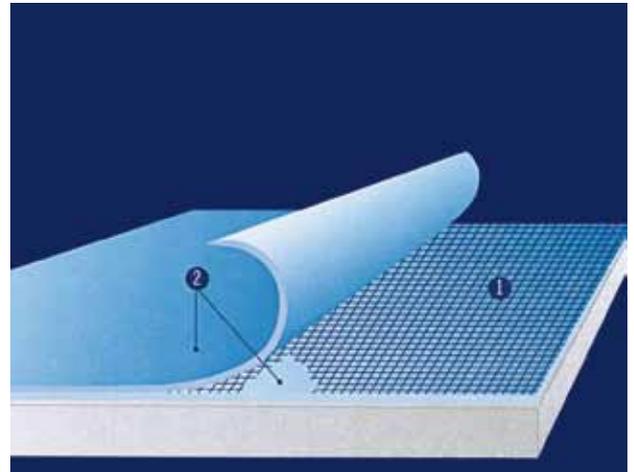
The width of panels can be custom designed, depending on the needs of the pool design, up to 1 m wide.

Possible combinations:

- Synchronised swimming pools 3.00 m deep composed of a 1.80 panel + a 0.40 m inverted swimmer's step and a 0.80 m panel.
- Diving pools 5.00 m deep composed of a 2.00 m panel + a 1.80 panel + a 0.40 m inverted swimmer's step and a 0.80 m panel.

LINER

The best solution for pool watertightness. Manufactured in 150/100 reinforced PVC-P, this material is the most used for lining pools thanks to enhanced malleability, resistance to tearing, ease of welding, resistance to colour fading and with a wide range of available colours.



- 1 Inner layer made of fiberglass.
- 2 Highly resistant PVC.

Placing of the liner

In **Skypool Commercial Pools**, the liner is installed by welding several rolls together until the entire surface of the basin is fully watertight. The liner is laid from the external part of the overflow to prevent the panel surface coming into contact with water. This prevents any leakage due to possible structural movements, insufficient tightening or an inadequate gasket arrangement.

Pool shell accessories feature a sealing system with gaskets to prevent any leakage.

Return and suction inlets

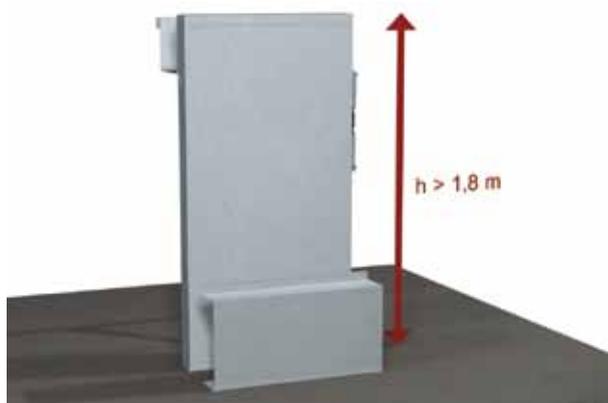
A side or bottom return system for filtered water can be installed in all models and designs of **Skypool Commercial Pools**.

We recommend bottom return. This system ensures the perfect homogenisation of physical and chemical water parameters, since the return inlets are evenly distributed.

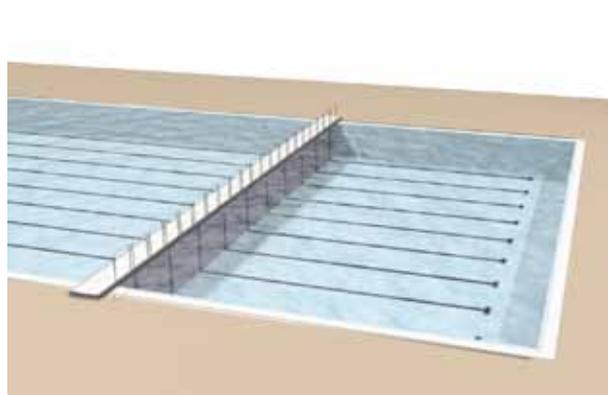
The usage of automatic equipment for monitoring and controlling chemicals in the water requires installing a prefabricated pool suction nozzle. The nozzle designed for **Skypool Commercial Pools** is manufactured entirely of ABS and complies with the established standards, which require grille slots of 8 mm maximum.

ACCESSORIES

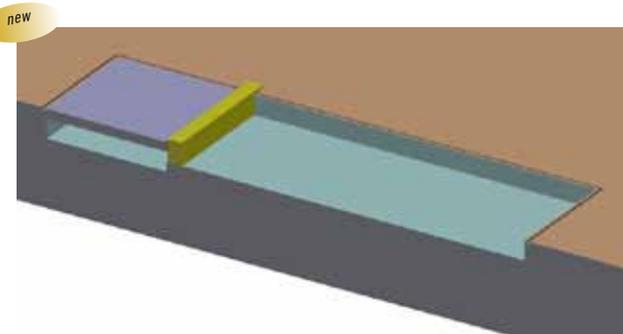
Swimmer's step,
an extra feature for the pool



Movable boom, to adjust pool length



Mobile Platform that is submerged in the pool that allows the modification of the height of the glass of the pool.

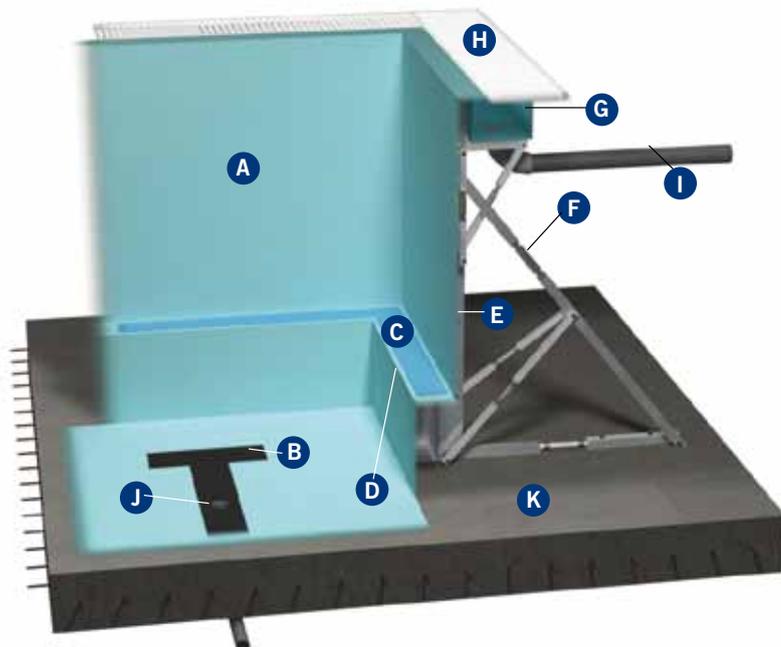


Starting block platforms



DIAGRAM

- A Plain liner 150/100.
- B Black liner 150/100 (lane).
- C Plain non-slip liner 150/100.
- D Bather's step.
- E 2 mm thick panel with hot dip galvanized coating.
- F Panel tie rod.
- G Overflow channel.
- H Overflow grille in ABS.
- I Overflow drain.
- J Bottom return inlet.
- K Concrete slab.





Enter the World of Skypool

Skypool allows you to enjoy a quality swimming pool at a very attractive price, thanks to its quick, easy and convenient installation system.

Skypool, a swimming pool in just a few days.

Now you can enjoy your pool in the quickest, most convenient and the safest way possible.

A pool you can assemble yourself.

Skypool uses galvanised steel panels that are both easy to assemble and extremely strong and resistant.

An all-terrain pool.

Skypools adapt to any kind of ground regardless of its access, inclination or composition.

An exclusive pool.

Your Skypool swimming pool is unique, choose from a wide range of shapes, sizes, colours and AstralPool range of accessories.

10
Years
Guarantee



SKYPOOL SIMPLICITY

The smooth inner wall makes pool cleaning easier.

SKYPOOL STABILITY

Resistant to ground movement.

SKYPOOL RESISTANCE

In extreme temperatures.

SKYPOOL DURABILITY

Galvanised steel panels with zinc guaranteed anticorrosion.

SKYPOOL STRENGTH

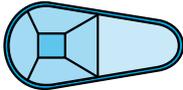
Skypool's support braces compensate the panel against water pressure.

MODELS

Regina

With smooth yet defined and evocative lines, the **Regina** is the ideal pool to create a pleasant, relaxed environment.

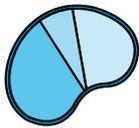
Imagine swimming and diving in this pool, or simply having a refreshing dip...



Monterrey

With its curved shape, the **Monterrey** pool adapts to terrain and space of any kind.

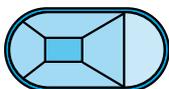
It is broad, spacious and very decorative. Perhaps the most elegant of our pools.



Manhattan

The **Manhattan** turns the shape of a rectangular pool into a gently oval shape, giving a decorative touch to a high capacity, high performance pool.

This pool is ideal for large spaces in any type of terrain.



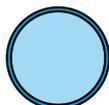
MODELS

Phoenix

Our most original pool!

With our **Phoenix** model you won't have to give up the idea of having a pool, no matter what space you have available.

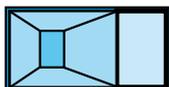
This model means you can be cool and relaxed in an inviting setting.



Providence

The **Providence** is the classic swimming pool par excellence. With its straight, angular lines it allows you to make the most of the space available.

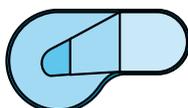
This is the ideal keep-fit pool!



Chicago

Its asymmetric shape and gentle outline make the **Chicago** a different type of pool, with a number of location options.

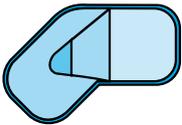
For diving, swimming, splashing about or simple cooling off and relaxing, this pool meets your needs.



MODELS

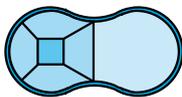
Boston

A pool with two areas of equal size and shape. If you wish you can order this pool with two different depths: one for children and the other one for adults. Its size and shape make the **Boston** an ideal pool for the whole family.



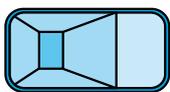
Carolina

A subtle yet fun pool, with a touch of distinction. The **Carolina's** rounded forms will improve the look of any back yard.



Denver

The **Denver** tones down the shape of the traditional rectangular pool, while maintaining its advantages. As such, it's a spacious pool perfect for enjoying with the whole family.



CUSTOMISE THE DEPTH AND THE COLOUR

Once you have chosen your ideal pool, it's time to decide what depth you want.

FLAT bottom



Especially designed for serious swimming, for adults and children alike. Recommended for smaller pools.
Choose a flat bottom with the depth you prefer: 1.20 m, 1.35 m or 1.50 m.

SLOPING bottom



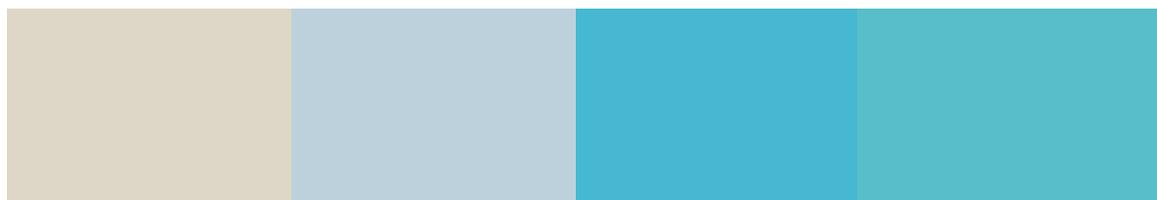
Your pool can have two different depths by combining a flat bottom with a sloping one. Ideal for the whole family.
Choose the depth you prefer by combining 1.20 m, 1.35 m or 1.50 m panels.

DEEP SLOPING bottom



A deep sloping pool is designed for serious sportspeople.
The deepest part of your pool can be up to 2.75 metres deep, depending on the pool model.

STANDARD liners



White

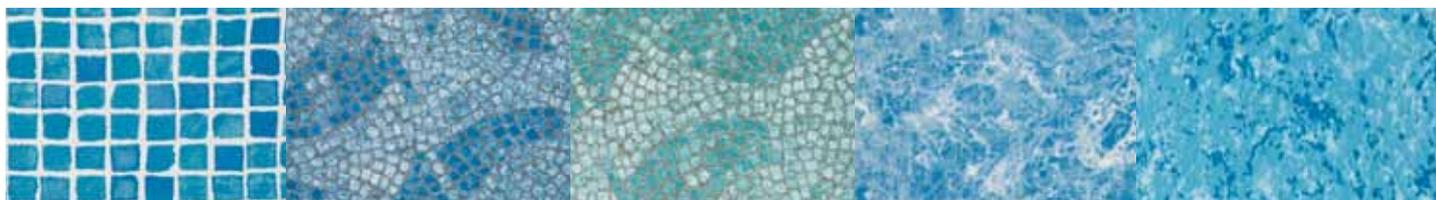
Sand

Light Blue

Navy Blue

Caribbean Green

PATTERNED liners



Mosaic

Byzantium Blue

Byzantium Green

Marble

Servanne

Liners with FRIEZE BORDERS



Carthage

Pompeii

Mykonos

Olympia

Florentine

WELDED liners

POOL SHELL EQUIPMENT



Skypool is a system made up of complete self-supporting kits.

Easy-to-install panels mean that you can assemble your own pool in just a few weeks.

Galvanized panel kit

Steel panels: 1.50, 1.35 and 1.20 m high and 2 mm thick plus the liner.

Compact filtration system

Pre-assembled kit with sand filter, side mounted multiport valve and recirculation pump.

Stainless steel ladder

Underwater **Lighting**

Pool shell kit

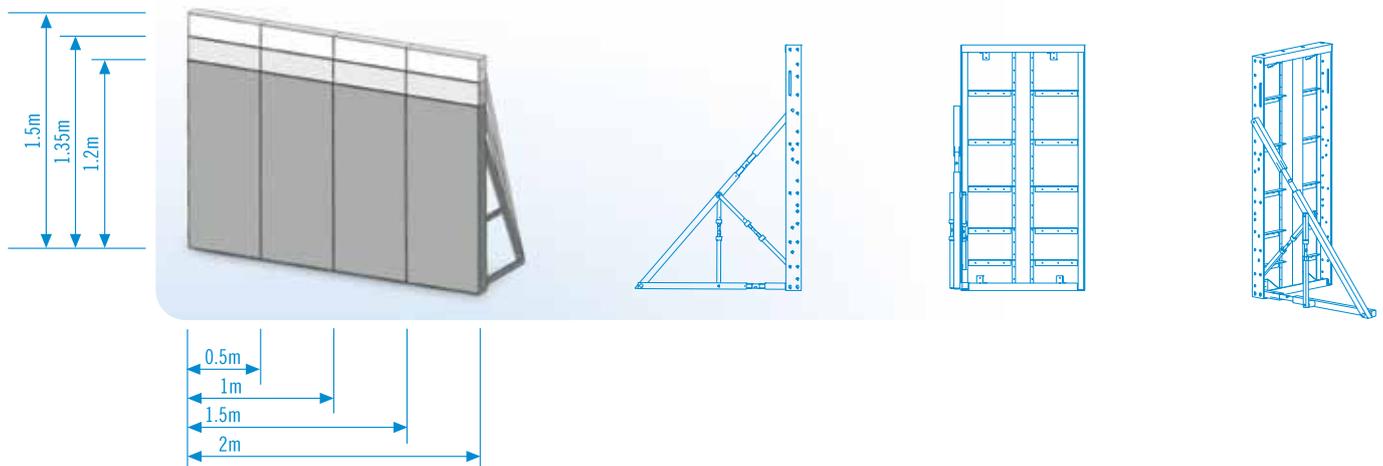
Pool cleaning kit

Plumbing kit

Chemical starter kit

Skypool flexibility

The flexibility of the panel system enables you to design the shape and depth of your pool.



ACCESSORIES

Retro-fit filter units



COMBO, MINI COMBO BASIC
AND MINI WITH LIGHTING



COMPACT FILTRATION UNITS

Other accessories



LED LIGHTS



COPING STONES



HEATING



CHEMICAL PRODUCTS



COUNTERCURRENT



AUTOMATIC 4 KG CHLORINE
AND BROMINE FEEDER



EASYKLEEN



SOLAR SHOWER



DIVING BOARD AND SLIDES



SOLAR POOL COVER



NET'N'CLEAN



PUMPS