



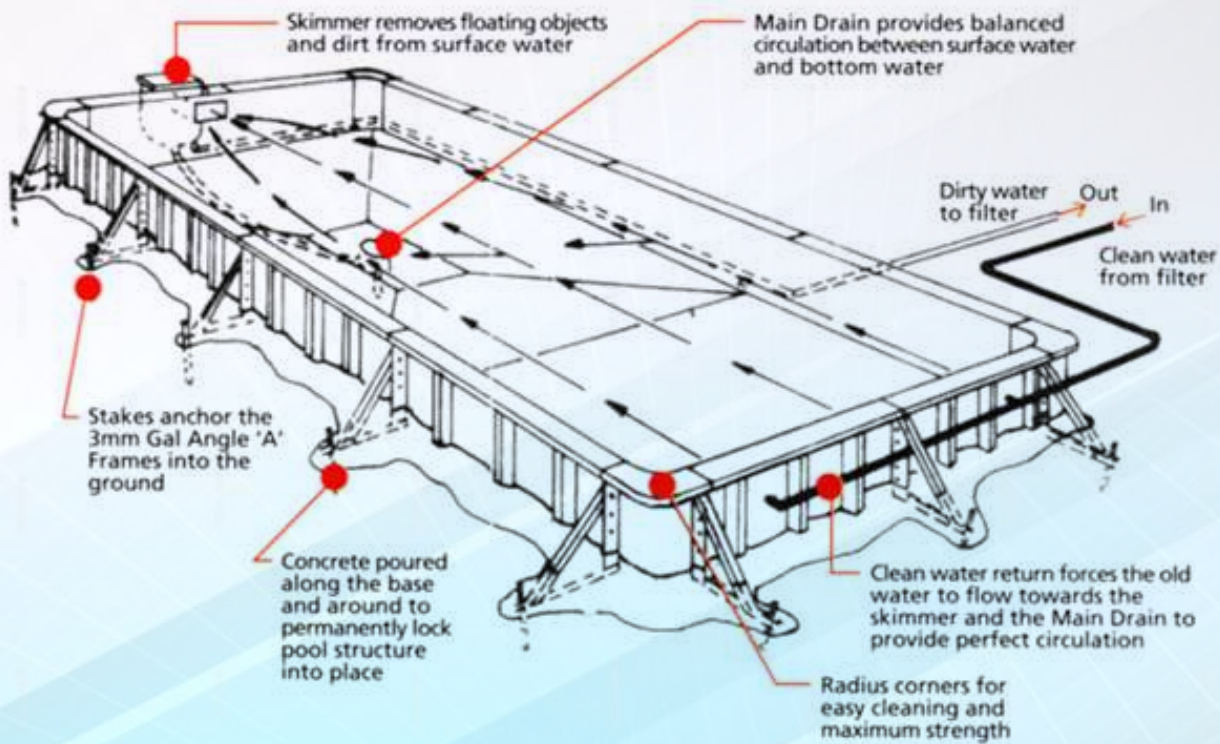
The POOL & LANDSCAPING DIVISION of The Building Needs is called - TBN Pools. TBN Pools deals with the design, construction and maintenance of swimming pools, spas, saunas, steam rooms, fountains, water features, gazebos and pergolas as well as landscaping and hardscaping. We work with Architects, Engineers and Contractors to incorporate a modular pool into almost any project.

TBN MODULAR POOLS

TBN utilises the latest composite technology to create exciting modern Modular Pools. We use Australian technology that is one of the best pool building technologies in the world. Using prefabricated modular panels, we can design any size / shape pool for domestic or commercial purpose with a choice of surface finishing suited to your requirements. Fast and easy to install, modular pools are perfect for remote or roof top installations. The modular components are designed using the latest computer aided machinery and manufactured using high standard raw materials for perfect precision.

A TBN modular pool system when installed, covers up all the disadvantages of a conventional pool. The structure of a modular pool is designed to take all the live load. The tensile strength of the fibreglass takes care of any elongation or movement in the structure. Hence, it will not leak even if there is any ground or building movement. This makes it an ideal pool system to construct on ground or above ground.

1. TBN Modular Pool wall panels are engineered and fabricated to withstand both the negative and positive pressure of water in the pool and soil outside.
2. Bare minimum steel and concrete for flooring to have a level and sturdy base.
3. Wide choice of interior finishes.



Advantage of TBN Modular Pools

Lightweight: The weight of modular pools is negligible compared to conventional pools. For example, if you are planning a pool on the 15th floor or above, with our modular pool system we assure cost reduction by 70% over conventional pools as you can plan the structure for our lighter modular pools, hence saving significantly on steel and concrete.

Re-locatable: A fully functional TBN Modular Pool can be relocated to a different location if the need arises, wherein 75% of modular panels can be reused.

Re-sizeable: Pool size can be increased or decreased depending on future requirements.

Durable: Once installed, TBN Modular Pools last forever.

Quick Installation: The maximum time taken to install and commission a 10 mtr. X 5 mtr. pool will be 2 weeks.

Leak Proof: Once the TBN Modular Pool has been erected, all the joints will be made seamless using the same parent material. Thus, ensuring proper bonding and a leak free structure.

Versatile Finishes: The only modular pool system where you have the liberty to choose any finish of your choice. For example, tileon, gel coat, oxide, stone, rock, pebbles or any other finish.

Cost Effective: Compared to conventional pools, TBN Pools are less expensive to build and maintain.

The versatile nature of the TBN Modular Pool system means a pool can be designed and built to suit any location and requirement.

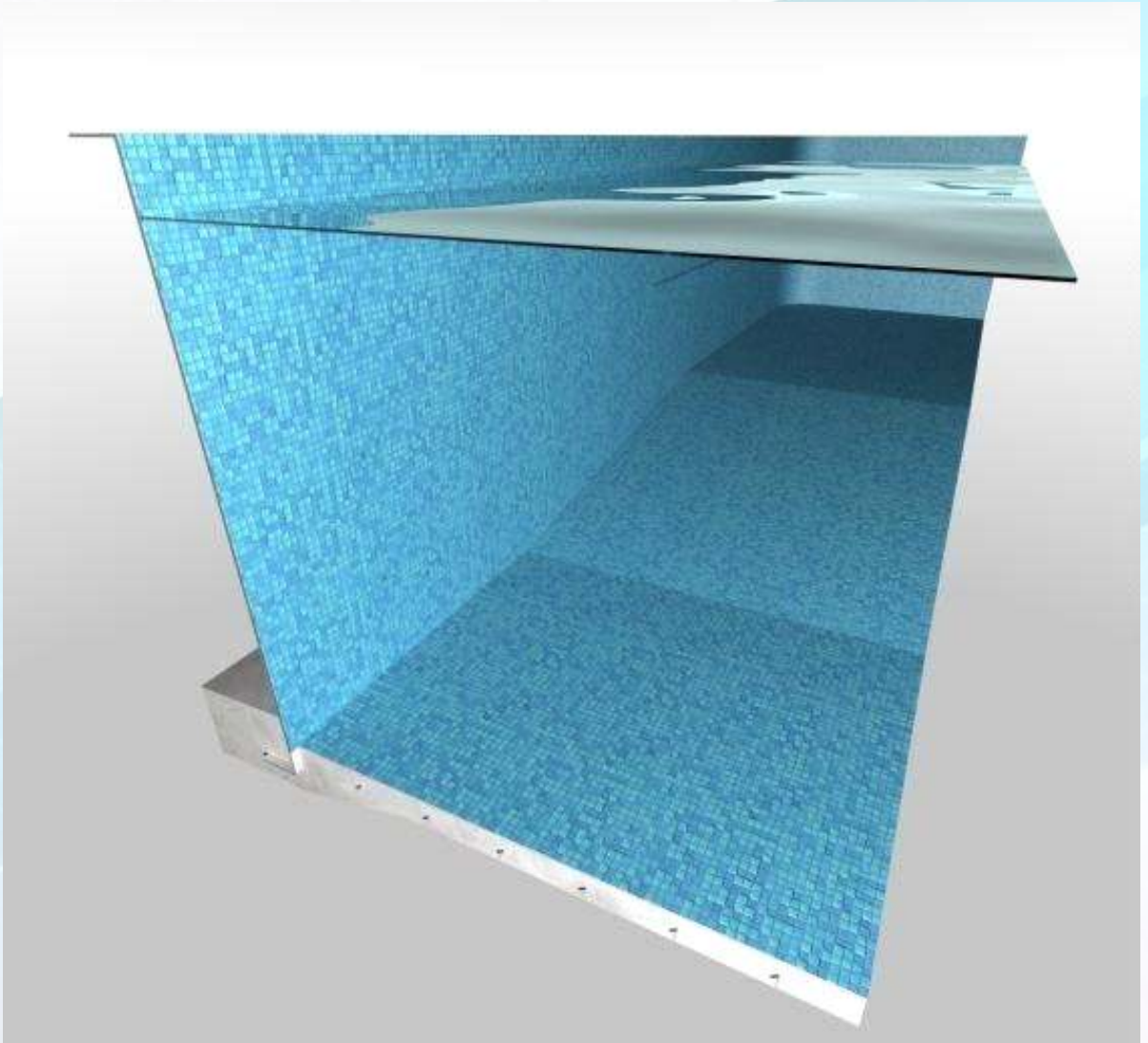
- Fully in-ground
- Partially in-ground
- Fully above ground
- Building roof top
- Building mezzanine floor
- Building basement
- On level ground
- On sloping ground
- Unlimited range of shape and sizes.
- Custom designed to suit individual requirements.
- Ease of maintenance - all pools designed with 100% turnover of water and filtration.
- Sanitation proven technology.
- Choice of pool copings.

Complete Tile Finish

Modular pool with wall and floor tile finish.

Modular panels are treated post installation for a complete tile finish. In situ Fibreglass tape is applied to seal joints between panels.

Waterproofing membrane is applied across all concrete surfaces. The internal tile finish is applied and finished using Spectrum tile glue and grout.



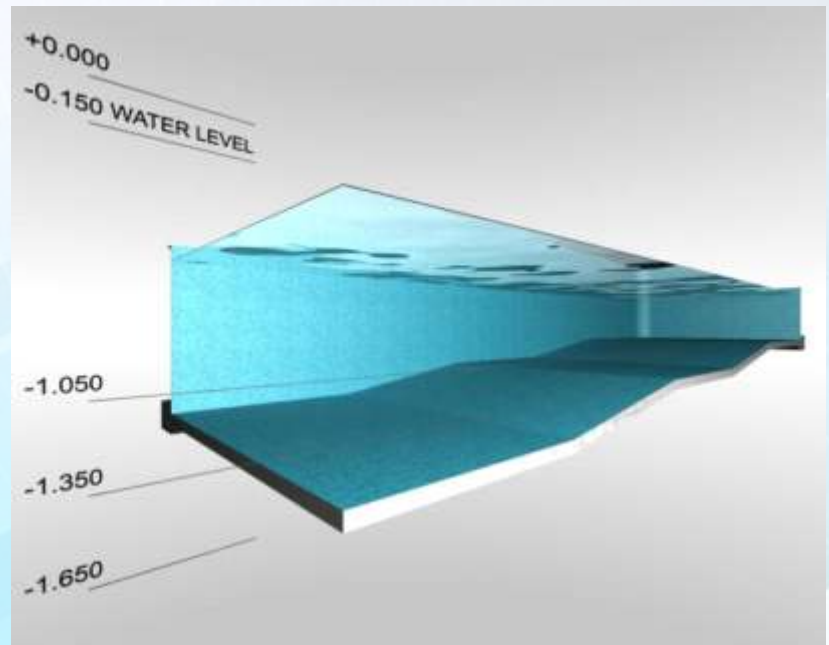
Floor Levels

As per the adjacent diagram, the standard levels available for a flat bottom pool are: 1.65m / 1.35m / 1.05m, greater depths can be created by moulding the pool of the floor.

Module Sizes:

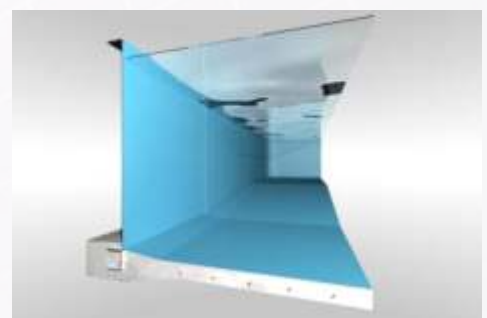
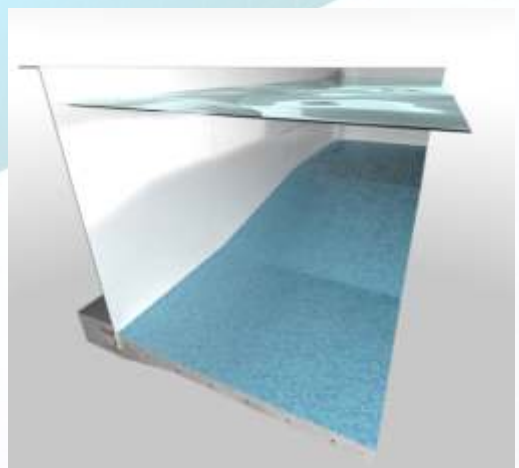
Any size panel can be created. Our Standard length modular panels are 1m / 1.5m / 2m / 3m and .5m corner modules with either a square or 0.3m radius

Standard panel heights are 1.75m / 1.5m / 1.2m / 0.9m / 0.7m & 0.45m



Combination Finishes

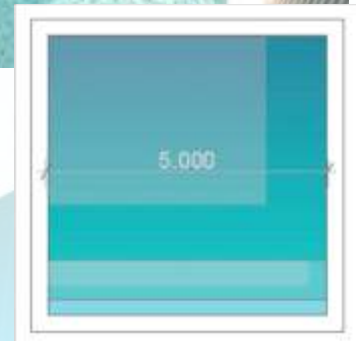
Modular pools can coordinate several finishes for a unique swimming pool experience



Mies

Square Form

A contemporary revival of pure form



Neutra

Rectangular form

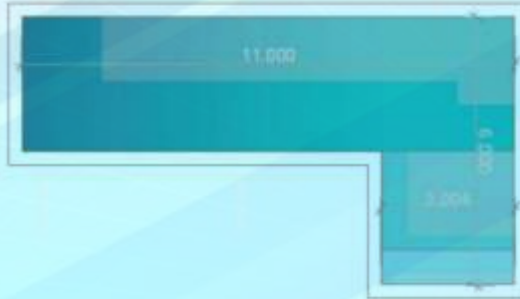
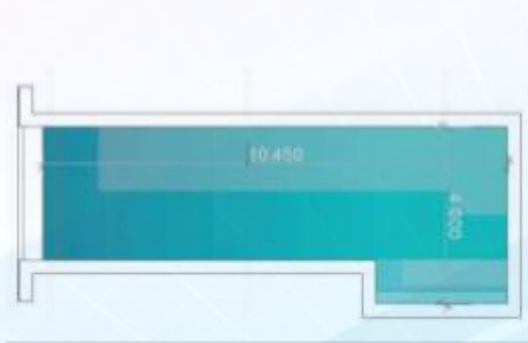
A contemporary revival of pure form



Corb

L Shaped Form

Flexible in length and width, the Corb creates a combination of exercise, function and leisure



Corb

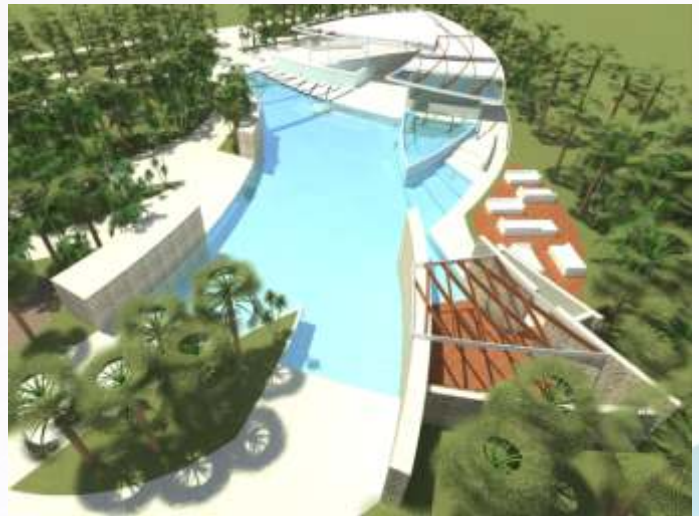
L shaped form

Create your own unique swimming pool with smooth edges



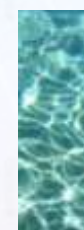
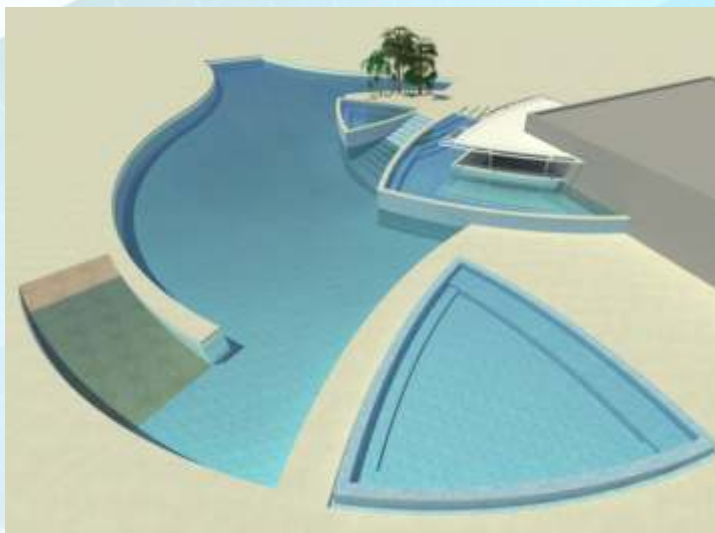
Special Projects

Talk to us about your custom project. We can fulfill all your requirements -
You imagine, We create

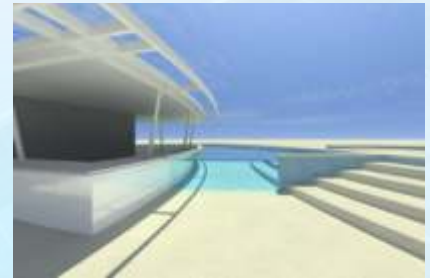
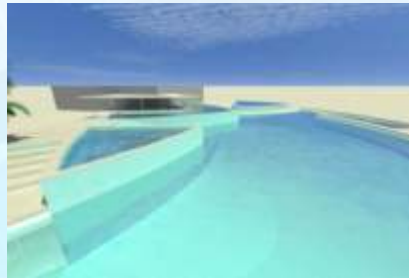
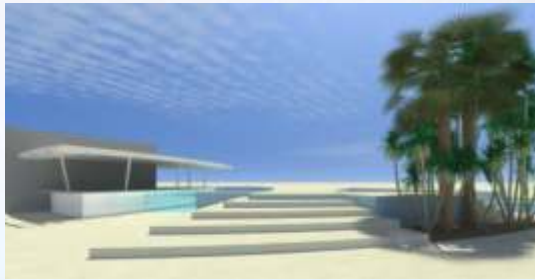


Special Projects

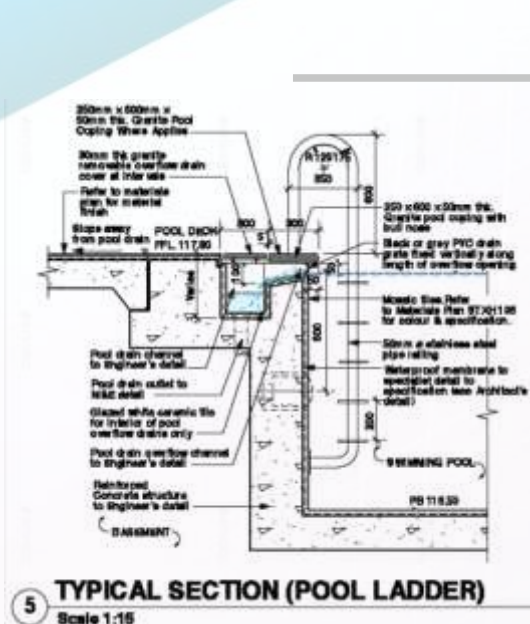
Commercial projects using a combination of finishes



Special Projects



The below detail demonstrates the conversion from a concrete system with overflow into a modular system with prefinished gelcoat gutter section

modular
pools

FLOOR SLAB AS PER ENGINEERS SPEC

AS PER DESIGN DRAWINGS

VERTICAL GRATE AS PER SPEC

STAINLESS BRACKET

CENTRES AS REQUIRED BY STONE COPING

FIBERGLASS PANEL WITH GLOSS GEL COAT FINISH IN GUTTER

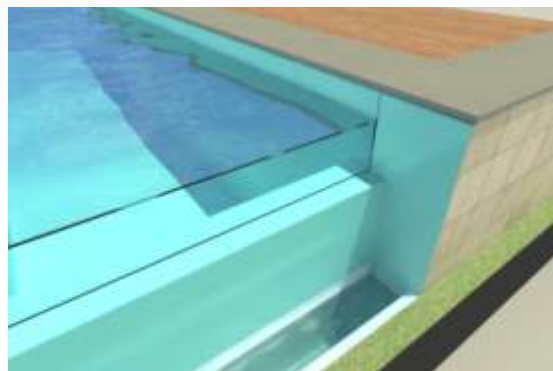
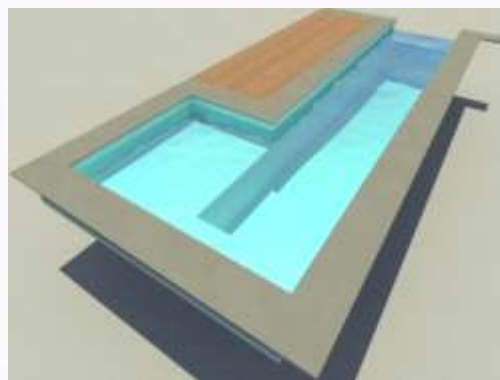
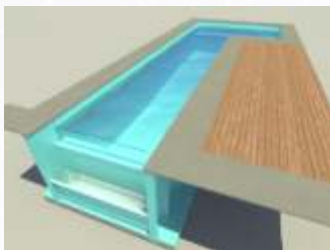
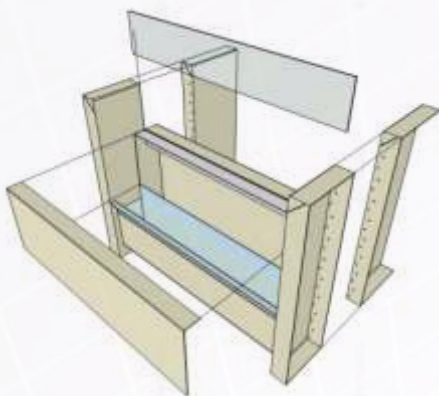
FIBERGLASS PANEL WITH WATERPROOFING / BONDING LAYER READY FOR TILE FINISH

FLOOR SLAB AS PER ENGINEERS SPEC

PANEL RECESSED INTO CONCRETE SLAB

Product Development

Lap pool with glass vanishing edge

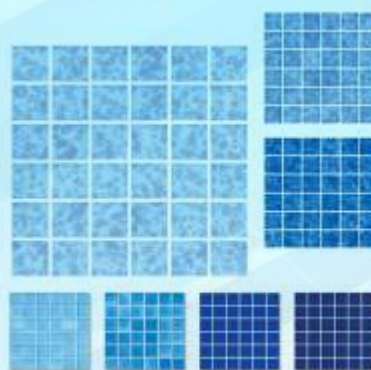


Internal Finishes

Floor & Wall Finishes



Concrete Finishes



Porcelain Mosaics

Gel Coat Finish

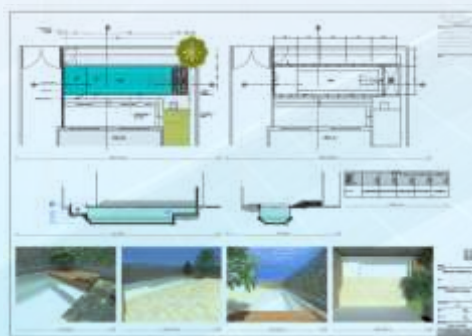


Pool Liners



Special Projects

Recently completed modular pool in Dubai for a private client



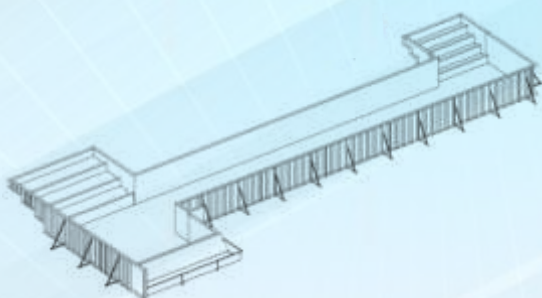
Special Projects

Modular pool with full Gelcoat finish



Special Projects

Private lap pool, modular pool with vanishing edge



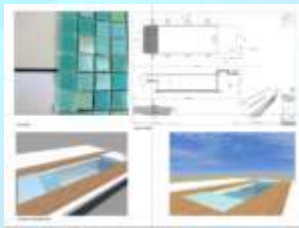
Special Projects

Roof top pool – Bahrain



Installation Process

Manufacture and installation process for a combination finish modular pool



Installation Process

Beach side Vanishing Pool project in Cambodia

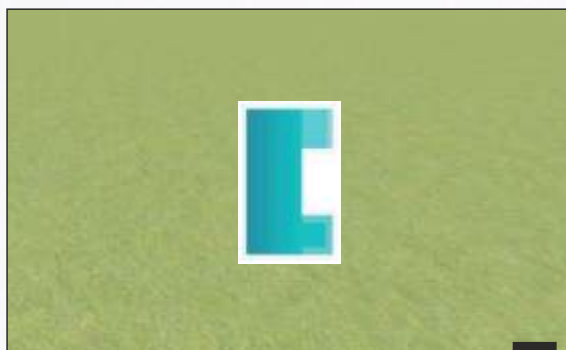


Installation Process

Public pool in Bangalore

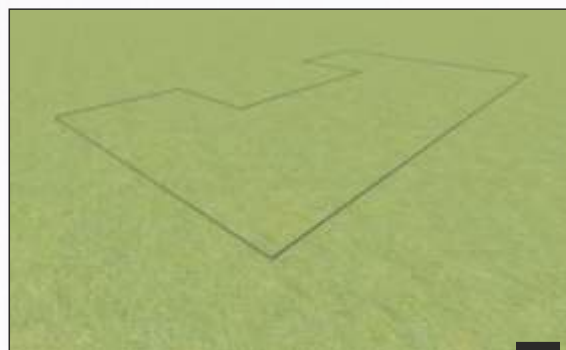


Installation Process



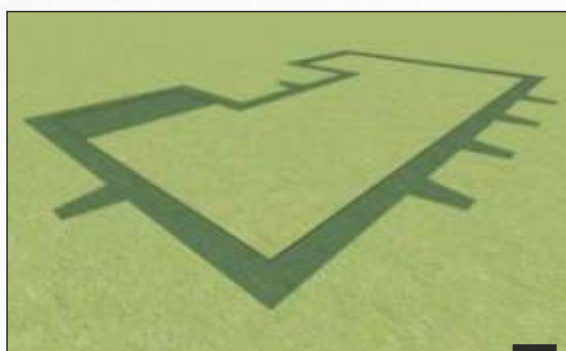
Designing

1



Lineout

2



Excavation

3



Surface Preparation & PCC

4



Modular Panel Erection

5



External Supports

6



Basic Plumbing Lines

7



Waterproof Joint Sealing

8



Steel Reinforcement

9



Fixing of Skimmers

10



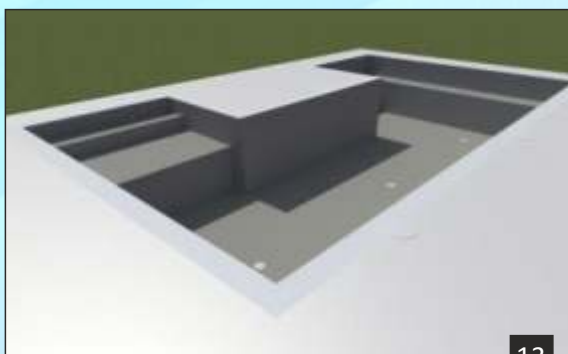
Floor Concreting

11



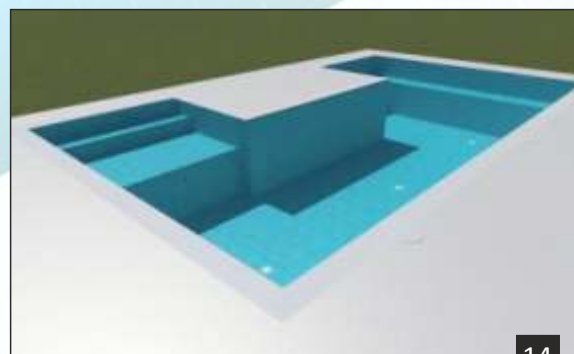
Sand Broadcasting

12



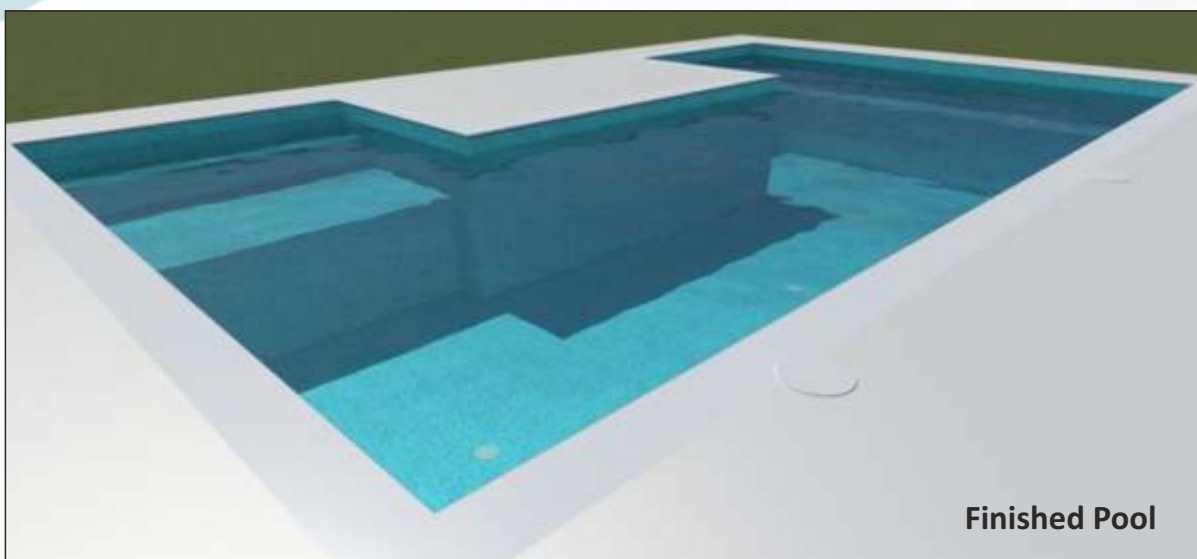
Waterproofing

13



Tiling & Grouting

14



Finished Pool