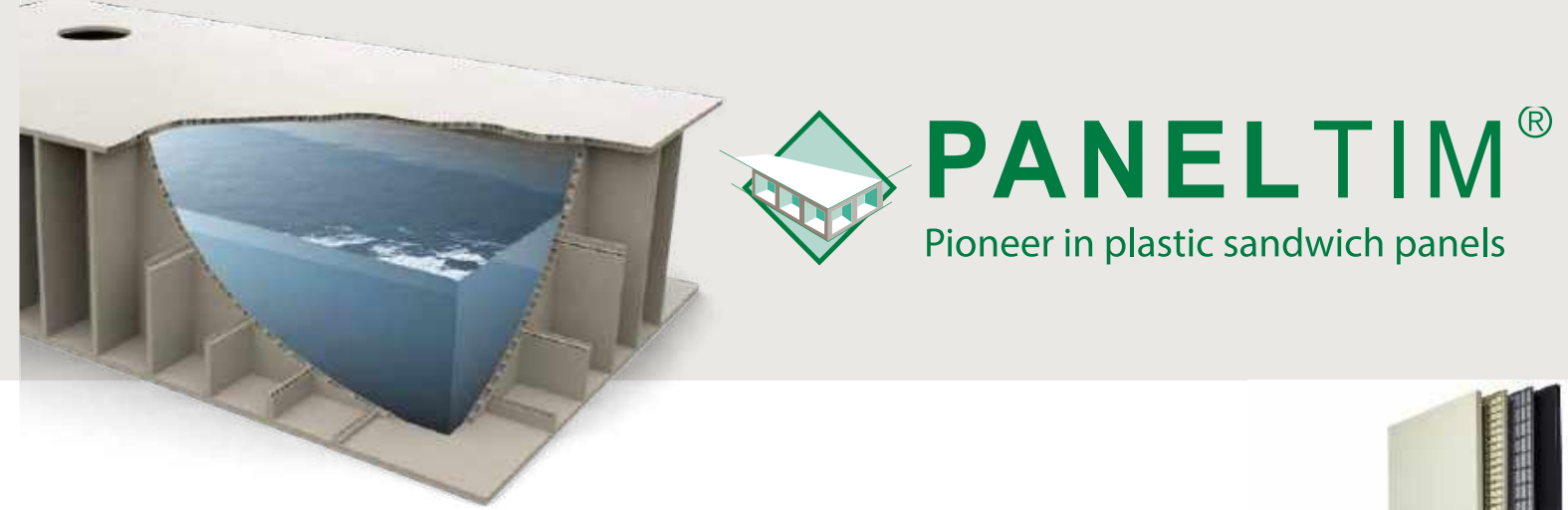


# Paneltim tanks & structures

The excellent alternative to concrete & cheap plastic

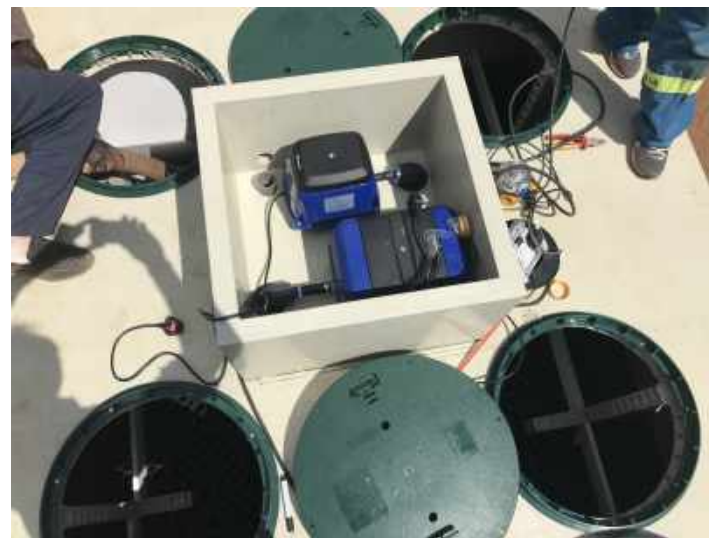


## Overview

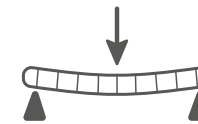
Bioliff offers tanks that are fabricated entirely out of 50mm thick PP reinforced structured plastic. Therefore, even the most challenging conditions do not affect the service life of the tank. The tank structure is fabricated with Paneltim polypropylene (PP) sandwich panels that are lighter and stronger than other plastic construction panels, they are resistant to chemicals & corrosion and they can be welded very easily. This makes them highly suitable for constructions that are required to be light, strong, clean & anti-corrosive.

This product gives us the ability to custom fabricate any tank or structure. Popular examples include:

- **Water storage tanks**
- **Wastewater treatment tanks**
- **Septic tanks**
- **Swimming pools & ponds**
- **Pumps stations, manholes & access shafts**
- **Industrial tanks, including acid & pickling industries**
- **Technical rooms**
- **Hygiene wall cladding & partitioning**



## PANELTIM KEY BENEFITS



### HIGH BENDING RESISTANCE

Owing to their internal structure, Paneltim® panels have an excellent bending resistance in any direction. This is a major advantage compared with extruded panels. Paneltim® Multipower panels in PP are amongst the strongest plastic panels available on the market today.



### THERMAL PROPERTIES

Because the panels contain static air, they have a good resistance to heat. Choosing Paneltim® instead of conventional construction materials may therefore result in better thermal performance.



### EASY PROCESSING

Paneltim® panels can be processed to all desired dimensions thanks to different welding techniques or mechanical connections. The panels are also easily processable with traditional actions such as sawing, drilling, sewing,...



### RIGID AND LIGHT

Owing to their thin wall construction, the panels are very light. Products made of solid plastics or alternative materials will need a much higher mass to provide the same rigidity.



### HYGIENE & CHEMICAL RESISTANCE

PP and PE panels are resistant to chemicals, repel dirt, and are easy to clean. The closed cell structure prevents dirt penetration.



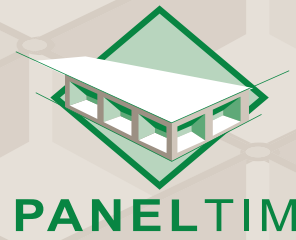
### 100% RECYCLABLE

Paneltim® panels are 100% recyclable. They are free of toxic substances and meet the European directive 2011/65/EU.





# Paneltim SlimLine swimming pools



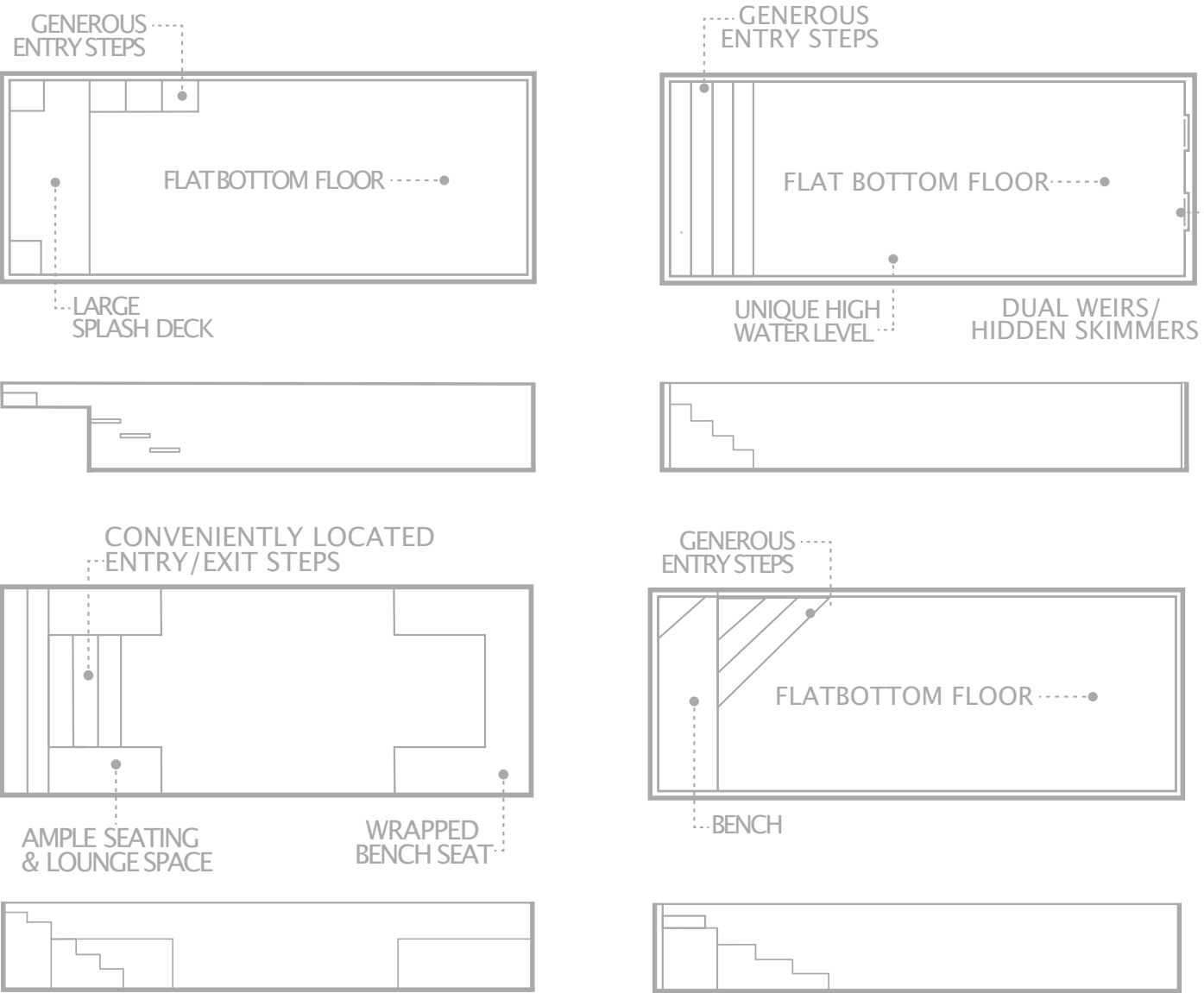
## Overview

The Bioliff SlimLine is a stylish rectangular contemporary packaged pool design. The pool structure is fabricated in our factory using 50mm Paneltim polypropylene (PP) sandwich panels that are lighter and stronger than other plastic construction panels, they are resistant to chemicals & corrosion. This makes them highly suitable for constructions that are required to be light, strong, clean & non-corrosive.

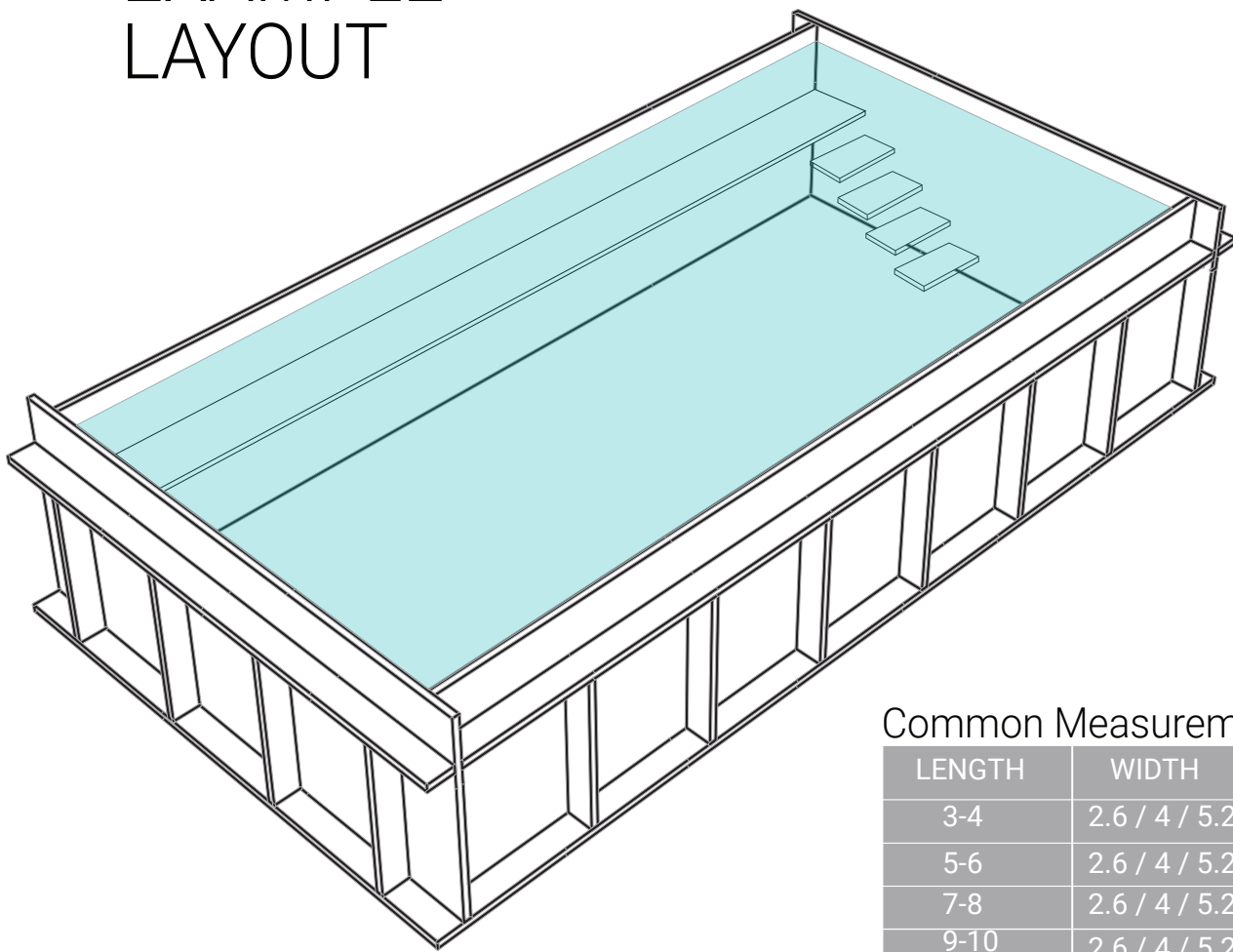
With a need for efficient pools that are economic to operate; we bring you a design that will provide practical and fun use whilst minimising water volume, pool equipment operating cost, chemical cost and very importantly provide the most efficient pool heating in the market.

- Benefits:**
- **Fast installation with least site disruption**
  - **Guaranteed Leakproof**
  - **Best in market heat insulation**
  - **Non reactive to chemicals - long term pool chemical savings**

## POOL LAYOUT EXAMPLES



## EXAMPLE LAYOUT



### Common Measurements

LENGTH	WIDTH	DEPTH
3-4	2.6 / 4 / 5.2	1.3 / 1.5
5-6	2.6 / 4 / 5.2	1.3 / 1.5
7-8	2.6 / 4 / 5.2	1.3 / 1.5
9-10	2.6 / 4 / 5.2	1.3 / 1.5
11-12	2.6 / 4 / 5.2	1.3 / 1.5

\*Dimensions (m). Dimensions external. Some measurements rounded  
Custom dimensions & layouts possible

## SUSPENDED ENTRY STEPS & BENCH

