

PRODUCT SHEET - GRP MOVABLE POOL FLOOR



PRODUCT DESCRIPTION

A Variopool movable floor maximises the functionality of any swimming pool by being able to quickly alter the water depth to suit any user group or activity. For example, at the touch of a button one single pool tank equipped with an adjustable floor can be transformed from a shallow children's pool into a 3.50m deep pit for the local diving team in only a few minutes.

Glass Reinforced Polyester (GRP) Variopool movable floors are custom made to size and are suitable for professional aquatic centres, public sports and leisure accommodations as well as hydrotherapy pools in hospitals and rehabilitation centres. The specific but also unique feature of a Variopool movable floor is its buoyancy. The floating structure can be set to any desired depth using steel cables which connect the movable floor to the actuating system located somewhere outside the pool.

This is a proven concept which is characterized by its simplicity and a minimum of moving parts resulting in high reliability, better hygiene and lower maintenance costs. The simple construction allows for higher loadings and maximum safety which are proven with lifespans of more than 20 years. One main advantage is that regular maintenance can take place without having to drain the pool eliminating the high costs of emptying, filling and re-heating the pool. The maintenance can also be done at night which means there is no downtime, loss of revenue or disappointed visitors.

All Variopool floors are supplied according to European Norms EN13451-11 specifying hygiene and safety for swimming pool equipment as well as all local Health and Safety standards.

TECHNICAL SPECS

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|----------------------------------|---|
| Material - floor elements | Individual hand-made GRP polyester elements, each equipped with anti-slip surface and integrated gratings |
| Colour | White (RAL 9010) |
| Loadings | 65 kg/m ² |
| Material - cables | Stainless Steel 316L and individually certified |
| Steel components | Stainless Steel 316L pickled and passivated |
| Installation height | Max. 500 mm |
| Actuating types | Hydraulic cylinder(s) |
| Speed | 250 – 330 mm/min. |
| Control system | PLC technology including programmable software |

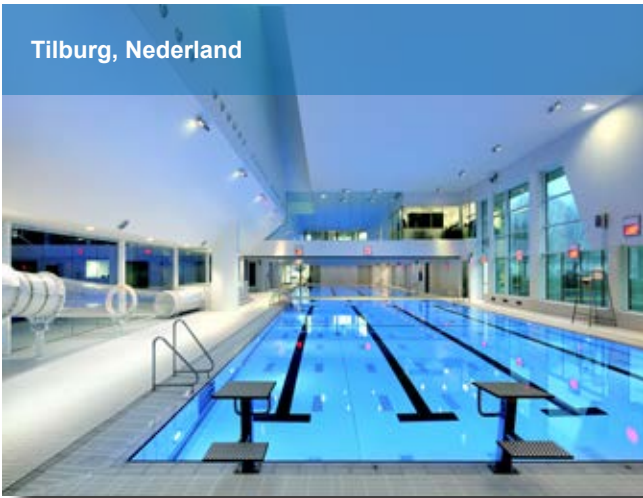
SAFETY FEATURES

In order to ensure the safety of the users at all times, Variopool movable swimming pool floors are always supplied with the following convenience and safety features.

- Warning Light and Sounder
- LED Water Depth Display(s)
- LED "No Diving" Display(s)
- Internet connection cat. 6 for immediate remote maintenance access
- Competition racing lines in colours blue RAL5013 or black RAL9005 (other colours upon request)
- Lockable access hatches for annual maintenance
- Lockable control panel with password protected Touch Screen and emergency button

Below are some references where Variopool has designed and installed a GRP movable pool floor. Do you have questions about these or other references of Variopool, please contact us. You can reach us every day on +31 226 333 000 or via info@variopool.nl

Tilburg, Nederland



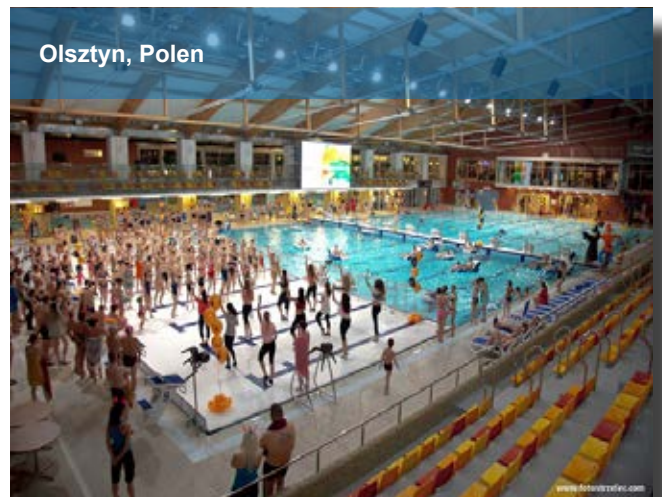
Den Haag, Nederland



Maarsse, Nederland



Olsztyn, Polen



Arnhem, Nederland



Mechelen, België

