

 **POOL**  
THE REAL DEPTH INVESTMENT



# PRODUCT INFORMATION

## MOVABLE POOL FLOOR



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.

The polypropylene (PP) movable floors are custom made to any size and are suitable for professional aquatic centres, public sports and leisure accommodations, hydrotherapy pools in hospitals and rehabilitation centres as well as for private pools. 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.

<b>Material - floor panels</b>	Slotted and colour fast 20 mm thick polypropylene panels with an integrated anti-slip surface and UV protection
<b>Colour</b>	White (RAL 9010)
<b>Loadings</b>	Min. 61.2 kg/m <sup>2</sup>
<b>Material - cables</b>	Individually certified 6 x 36 Stainless Steel AISI 316
<b>Steel components</b>	Pickled and passivated Stainless Steel AISI 316L
<b>Installation height</b>	Max. 600 mm
<b>Actuating types</b>	Hydraulic cylinder(s)
<b>Speed</b>	250 – 330 mm/min.
<b>Control system</b>	PLC technology including programmable software

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.

- Lockable control panel with password protected Touch Screen and emergency button
- 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

## REFERENCES

Below are some references where Variopool has designed and installed a polypropylene movable pool floor. Please contact us should you have questions about these or any other Variopool reference. You can reach us every day by calling +31 226 333 000 or sending an email to [info@variopool.nl](mailto:info@variopool.nl).

Darwen, England



Aberdeen, Scotland



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