

### PRODUCT DESCRIPTION

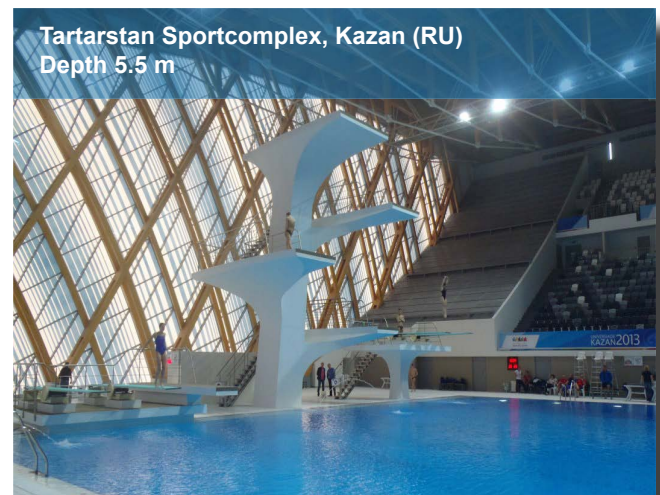
A Variopool movable floor maximises the functionality of any swimming pool by being able to quickly alter the water depth to suit any user group or activity. For example, at the touch of a button one single pool tank equipped with an adjustable floor can be transformed from a shallow children's pool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

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.

### REFERENCES



### TECHNICAL SPECIFICATIONS

<b>Movable floor size</b>	Project related
<b>System</b>	Buoyancy construction
<b>Loadings</b>	Min. 61,2 kg/m <sup>2</sup> (EN13451-11)
<b>Installation height</b>	Min. 0.6mtr - 0.7mtr.
<b>Standard adjustment range</b>	+0.05 to - 5.0mtr.
<b>Speed</b>	25 - 33 cm per minute
<b>Material topdeck</b>	Polyester, Polypropylene colour white RAL 9010 (standard)*
<b>Material frame</b>	Stainless steel 316L pickled and passivated
	<i>* other colours on request</i>

Below are some references where Variopool has designed and installed a movable 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).



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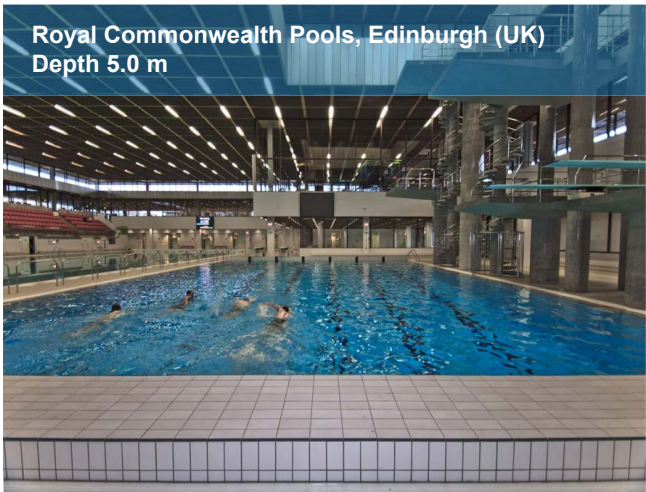
**Aquatic centre, Aberdeen (UK)**  
Depth 5.0 m



**Divingpool Victoria Park, Hong Kong (CH)**  
Depth 5.0 m



**Royal Commonwealth Pools, Edinburgh (UK)**  
Depth 5.0 m



**London Aquatic Centre, London (UK)**  
Depth 5.0 m



**Manchester Aquatics centre, Manchester (UK)**  
Depth 5.0 m



**National Aquatic Centre, Dublin (IRE)**  
Depth 5.0 m

