

PRODUCTSHEET - DUO MOVABLE FLOOR



The Variopool DUO-movable floor is a unique option for teaching pools and facilities devoted to providing a variety of aquatic activities. This new floor design improves the flexibility and functionality of every square meter of swimming space. The DUO-movable floor doubles the flexibility of the operator to schedule different swimming classes at the same time in the same pool. This will have a significant impact on the daily swimming program and will increase pool revenues. This design option suits every swimming pool, from a community pool to an international swimming centre. As with standard movable floors, this floor can cover the entire pool or only a part of it.

A DUO-movable pool floor consists of two movable pool floors that are interconnected with a short hinged flap. Both floors can be set to one level or to different depths. The maximum water depth difference between both parts is one meter (1.00m). The shallow part of the pool can be closed off from the deeper part by means of a warning lane rope or using removable safety fencing.

Material construction	Slotted and colour fast polypropylene panels with an integrated anti-slip surface.
Colour	White RAL 9010
Upward force	Min. 61,2 kg/m ²
Material cables	Stainless Steel RVS 316L and individually certified
Stainless Steel components	Stainless Steel RVS 316L pickled and passivated
Installation height	Max. 600 mm
Actuating	Hydraulic cylinders
Speed	250 – 330 mm/min.
Control system	PLC-technology including programmable software
Maximum depth difference between two floor parts	60 - 100 cm

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
- LED “no diving” display
- Internet connection cat. 6 touch Screen panel for remote service access
- Competition racing lines in colours blue RAL5013 or black RAL9005 (other colours upon request)
- Lockable access hatches for annual maintenance

TYPICAL USES OF THE DUO-MOVABLE FLOOR

Below are some practical examples of a movable duo-floor at various depths. Of course, much more is possible depending on the use.

To accommodate different classes (children and adults):

- Part A: set at water depth of 0.40 m
- Part B: set at water depth of 1.40 m

To accommodate different classes (children of different ages):

- Part A: set at water depth of 0.80 m
- Part B: set at water depth of 1.20 m

To accommodate competition (lane) swimming or water polo:

- Part A: set at water depth of 2.00 m
- Part B: set at water depth of 2.00 m

When the pool is closed the full floor can be used as an effective thermal cover:

- Part A: set at water depth of 0.00 m
- Part B: set at water depth of 0.00 m

PROJECT REFERENCES

Below are some project references where Variopool has supplied and installed a movable duo pool floor. For specific questions about this product or other Variopool references, please contact us.

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