

Solar Panel (EPDM)

Title: SUSTAINABLE SOLAR PANELS FOR SWIMMING POOL - EPDM - ZWEMBAD - EASY TO USE- 1m x 2/3/4/5/6m

Heating up your pool was never so easy as with the sun as energy source! The EPDM solar panels are able to heat the swimming pool up to 6°C within a day. Via a simple temperature control device, the entire process can be controlled automatically.

How do the EPDM solar panels work?

In order to heat the water, an automated bypass sends the water through the EPDM solar heating when the panel temperature is warmer than the water temperature. When the temperature outside is cooling down, the bypass will block the water from passing through the EPDM rolls in order to prevent the temperature of the water to drop.

The Northern European climate requires that the solar panels should cover 75 to 100 percent of the swimming pool surface. In order to obtain the right amount of sun, the solar panels are available in several sizes. The EPDM rolls are customizable, in case other sizes are desired.

Why should you purchase the EPDM solar panels?

The EPDM solar panels are efficient, sustainable and easy to use. They pay for themselves in 3 to 5 years as the EPDM solar panels don't consume energy as opposed to a heat pump. The EPDM solar panels have an expected life span of 10 to 15 years. Moreover, they are easy to assemble and can therefore be installed without a service man. The EPDM solar panels are guaranteed to be of high quality. The brand, Beniferro is well-known and uses 100% European materials for the production of EPDM. The collectors are injection-moulded in Spain, the rubber is manufactured in Germany and panels are assembled in Belgium.

How should you install the EPDM solar panels?

Every box contains three 33 cm wide rolls. The rolls are easily connected to one another, which creates a panel with the width of 1 meter. The panels can be attached to the roof with for example fastening strings or hooks. The EPDM solar kits are available in sets of 1 meter x 2,3,4,5 and 6 meter. Extension kits of 33 cm are available.

For optimal heating, place the solar panels to the south on a slope of 30°. You can do that at any location (on the roof, next to the pool, etc.). The heating can also be placed on a flat surface. You then have to install more solar panels to achieve the same efficiency. Position the EPDM heater so that the cold water enters the bottom of the heating and flows back to the pool at the top.

In each box you will find 8 sealing rings, 8 cable ties, 2 endcaps and 2 connectors suitable for tubing with a diameter of 32, 38 and 50 mm. To make it easy, it is best to lay the roles side by side.

Automatic or manual valves for controlling the water flow are also available.