



# PONDGARD™ EPDM

**AESTHETIC AND DURABLE PONDS**



# THE OBVIOUS CHOICE

From time immemorial, man has been attracted to water. The installation of a water feature in a private garden or in a public place is a source of pleasure, relaxation and serenity. The integration of water in the living space has always been a source of inspiration for architects and landscapers.

Elevate™ PondGard EPDM is a simple, robust and durable synthetic rubber membrane to waterproof the most beautiful and performing ponds.





### **Exceptional longevity**

PondGard EPDM is designed to withstand the test of time. Its excellent resistance to UV exposure, high temperatures, oxidation and frost allows it to retain its mechanical properties for countless years, even when exposed to the weather. Projects installed over 40 years ago are still functional and are therefore living proof of this durability.



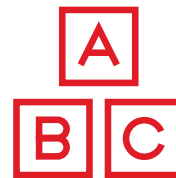
### **Flexible and elastic**

PondGard EPDM works well on all kinds of support. It adapts to the creativity of designers, regardless of the complexity of the pond, with optimal aesthetic results.



### **Robust**

With a thickness of 1.0 mm, PondGard EPDM is a robust membrane with mechanical properties that are perfectly adapted to the challenges related to water storage. Its elasticity (> 300%) and flexibility (even at -45°C) allow it to adapt to the inevitable movements of the support and to the irregularities of the substrate (excellent puncture resistance) throughout its life.



### **Quick and easy installation**

The installation and assembly of PondGard EPDM are extremely simple and allow for a perfect finish. The Elevate accessories and the membrane's flexibility allow sealing even the most intricate details. No machine is required and the number of seams is limited in view of the large panels (up to 930 m<sup>2</sup>). Even after many years of use, PondGard EPDM panels can be reassembled in case of any adjustment or repair of the pond.



### **Environmentally friendly**

Thanks to its chemical inertness and resistance to algae and micro-organisms, PondGard EPDM does not release chemicals into the environment. Tests carried out by the UK's Water Research Centre (WRC) show that it is not hazardous to aquatic fauna.

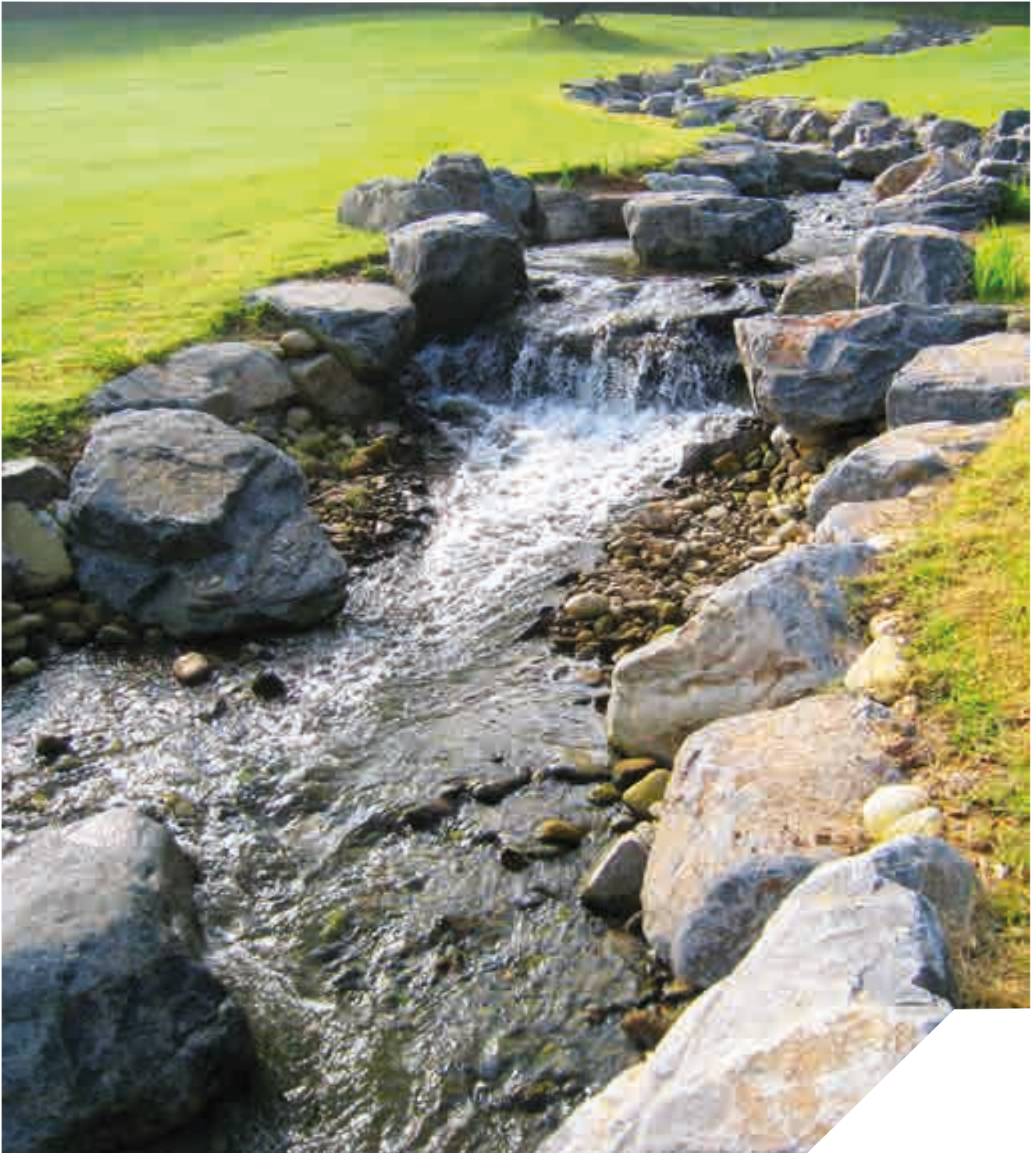
# Residential decorative ponds and Koi ponds

Listening to the sound of water, watching the aquatic life, enjoying the beauty of the lilies in bloom... Many features can add pleasure to a garden, regardless of its size.



# Streams, waterfalls, fountains

Robust and flexible, the PondGard EPDM membrane is the ideal support for reproducing a natural landscape.



# Commercial decorative ponds

The installation of a water feature as part of a shopping center or close to offices or homes, is gaining interest as a place of encounter and exchange.





# Reflection ponds

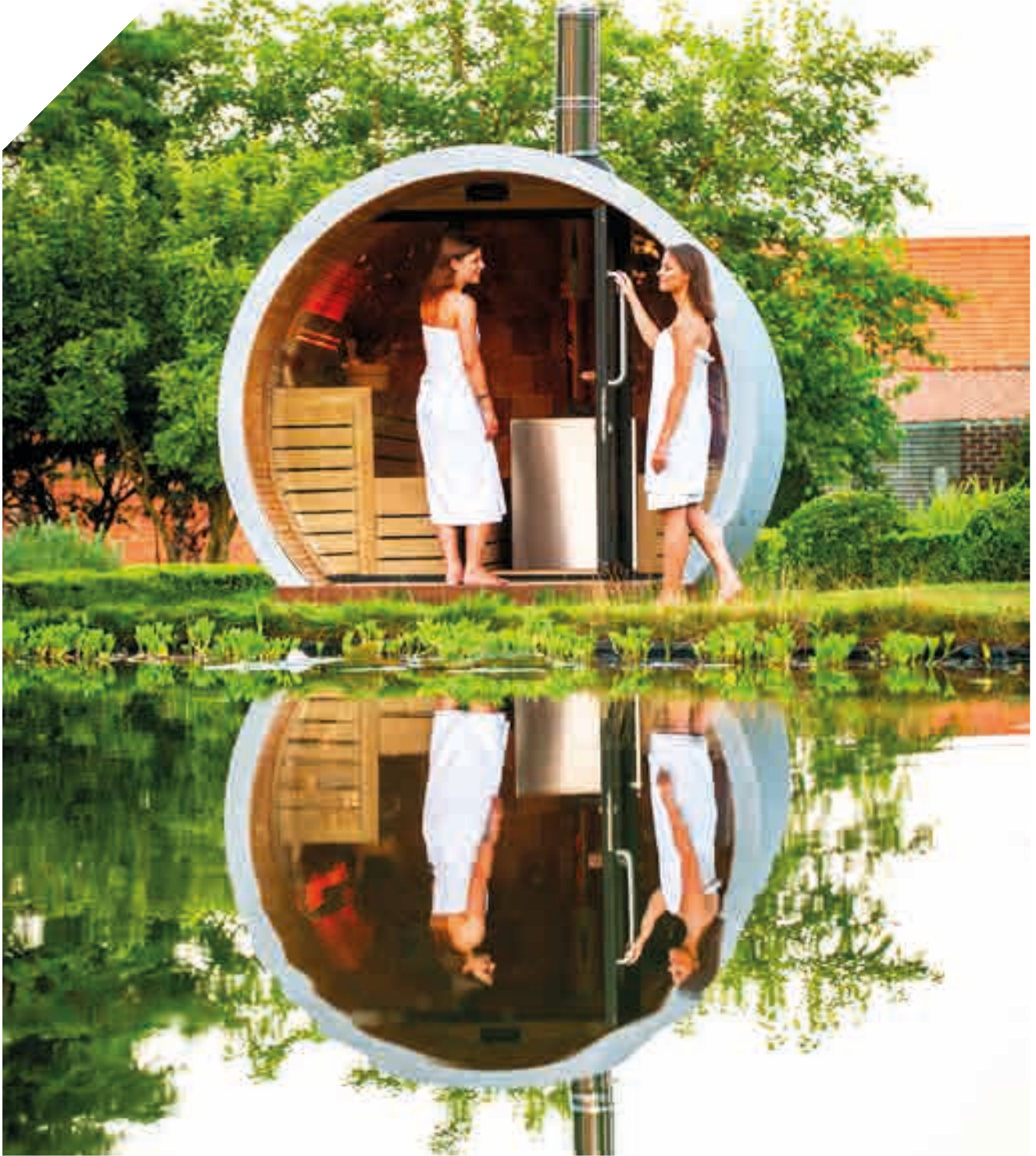
Reflection ponds magnify the adjoining buildings by strengthening their presence and creating unexpected light effects. Depending on their location, they also help to reduce the risk of vandalism and increase the safety of the building.

# Natural swimming pools

In natural swimming pools, water treatment takes place naturally by means of specific plants and micro-organisms present in the filtration area. Our authorized distributors are able to help you choose the water treatment and pumping system best suited for your project.







# Swimming ponds

Swimming in clear water, free of chemicals, is a unique experience. The pond is perfectly integrated in the garden. It becomes a new living space for the flora and fauna and is a delight for swimmers.



# Artificial lakes

We have developed many detailed drawings that present solutions giving a natural appearance to the water feature and ensuring their integration into the landscape.

# Golf course ponds

A guaranteed sustainable and optimal aesthetic result makes PondGard EPDM the membrane of choice for installing ponds in the most prestigious golf courses around the world.





# Leisure parks

Puy du Fou, in Western France, was named “World’s Best Amusement Park” in 2012 by industry professionals from the Themed Entertainment Association. The park owes its success to a team constantly in search of improvements. That is why since 1997, Puy du Fou trusts the PondGard EPDM membrane for waterproofing ponds with very complex technical and aesthetic requirements.

Other prestigious amusement parks, including Legoland Malaysia, Europa-Park (Germany), the Branféré Zoo and Botanical Garden (France) and the Futuroscope in Poitiers (France) have also trusted PondGard EPDM as their membrane of choice.



# A technical solution

## MECHANICAL PROPERTIES

- Thickness: 1.0 mm
- Weight: 1.25 kg/m<sup>2</sup>
- Shear strength: 9 N/mm<sup>2</sup>
- Elongation at break: > 300 % (elastic behavior)
- Puncture resistance: 600 N and displacement > 100 mm
- Flexibility at low temperature: -45°C
- High friction angle: 27.5°

## INSTALLATION SYSTEM

We have developed a complete waterproofing system that makes the assembly and details easy, safe and durable.

Inside and outside 90° cut corners can be easily made watertight with Elevate's EasyCorners, which are prefabricated corners made of vulcanized EPDM. They are used in combination with EasySealant, a superior quality sealant-adhesive that ensures a strong and durable watertight connection with the EPDM membrane.



## A WIDE VARIETY OF ROLL SIZES

Standard lengths (m)	Standard widths* (m)	Thickness (mm)
30.50 - 61.00	3.05 - 3.66 - 4.27 - 4.88 - 6.10 - 7.62 - 9.15 - 10.97 - 12.20 - 15.25	1.0

\*Not all standard widths are available in all lengths. The availability of the widths and lengths of the panels may vary depending on the country.

# Marking and certification

## TRACEABILITY

A specific marking on the product allows identifying and tracing the PondGard EPDM membrane. The marking, composed by a 7-digit serial number, product name (PNDG), material type (EPDM) and Elevate logotype ensures the product's authenticity.

## INTERNATIONAL CERTIFICATIONS

Our EPDM manufacturing facilities are certified according to ISO 9001. PondGard EPDM has obtained the CE marking, meeting current European requirements for health, safety, consumer protection and environment. Within the context of these certifications, regular audits are conducted at our EPDM factories to monitor the production process and quality control, as well as the quality of the finished product.



# PondGard official partners and installers

PondGard EPDM is specifically designed for the professional installer. Elevate products are represented worldwide by a network of official partners specialized in the field of decorative ponds. They are able to provide a complete solution for all elements of the pond (pumps, filters, decorative elements, etc.). Their technicians and their network of official installers guarantee a quality installation.





# ELEVATE

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