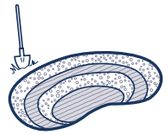
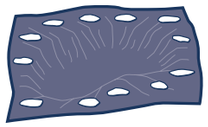
Installation Steps



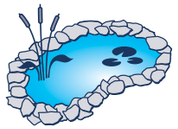
Excavate a hole to conform to the required pond shape. The side banks should be made sloping inwards. Cut out deep areas *(approx. 31.5" (80cm) for small ponds and 39" (100cm) for large ponds)* and shallow areas *(approx. 10" (25cm))* for plants as illustrated.



Remove any sharp stones or roots and spread a good layer of sand over the base of the pond. Place a geotextile fabric as underlay before installing the liner. Do not drag the liner but unfold it carefully as to avoid sharp stones or other such objects cutting into the membrane. Anchor the edge of the liner with smooth sided rocks.



Gradually run water into the pond, pleating and tucking the liner into shape. At first the liner will stretch, then as the volume of the water increases the liner will move inwards to the shape of the slope sides.



Trim off surplus material with scissors allowing sufficient overlap around the pond perimeter for anchorage.

Low Maintenance

Elevate PondGard is a liner for life requiring little or no maintenance once installed. Should the need arise, Elevate PondGard liner is easy to repair on site.

The Rubber Liner of Choice

Elevate PondGard is a high performance rubber liner offering a unique combination of benefits which have long been recognized by professional landscape installers and architects:

Easy to Install - Installation of Elevate PondGard is simple, as the material is lightweight, easy to position and available in a variety of large, seamless sheet sizes up to 50' (15.25m) in width and 200' (61m) in length.

For the construction of larger water features, multiple Elevate PondGard sheets can be assembled on site using the Elevate QuickSeam™ Tape System. No special tools or skills are required.

Flexible for Creative Design - Elevate PondGard remains highly flexible even at -49°F (-45°C), enabling year round installation. Easily shaped to fit the contours of unique forms, Elevate PondGard means creative freedom and the ability to accomplish even the most challenging designs.

Lasting Durability - Elevate PondGard offers outstanding resistance to UV exposure, ozone, frost, snow and extreme temperatures. Our liner contains no migrating plasticizers, which ensures no cracking or splitting. Even after more than two decades in service, water features built with Elevate PondGard are as functional and beautiful as the day they were installed.

Environmentally Friendly - Elevate PondGard is specially formulated to be safe for fish and aquatic plant life. This guarantee is confirmed by the special marking on the membrane.

Being a highly stable membrane, Elevate PondGard also resists microbial and algae attack, resulting in naturally healthy ponds.

Furthermore, Holcim Building Envelope's production plants have received ISO 14001 certification for their Environmental Management System.

How to Calculate Quantity of Liner

Start by measuring the pond's longest, widest and deepest dimensions in feet.

LENGTH = A	WIDTH = B	DEPTH = C

To calculate total **WIDTH** of liner needed:

Width + (2 x Depth) + 2 Extra Feet

- OR -

B + (2 x C) + 2 Extra Feet

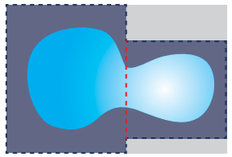
To calculate total **LENGTH** of liner needed:

Length + (2 x Depth) + 2 Extra Feet

- OR -

A + (2 x C) + 2 Extra Feet

When installing free form shapes, multiple panels can give you greater flexibility and save you money. As you can see below, this multi-panel layout, orients along the longer dimension and uses less liner than a single panel would.



See the red dotted line where the multi-panel liner is seamed together. The seamed liner must extend above the water line, so it may be properly anchored. The grey area indicates savings that offset some or all seaming expense.

PONDGARD
Lining for life™

HolcimElevate.com/pondgard

ELEVATE™

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PONDGARD

WATER FEATURE LINERS

ELEVATE™



The Pleasures of a Water Garden

Adding a water feature to your garden will enhance the quality of your life. It creates a little piece of paradise where you can watch fish and frogs darting across the water surface, smell the perfume of flowering water lilies, relax by the sound of moving water or enjoy a natural swimming pool with family and friends. The pleasures of a water garden will improve your outdoor living space and add value to your home.



Quality Begins at the Bottom

Landscapers and pond building professionals have long recognized Elevate PondGard Rubber Liners for ease of installation and ability to conform to the shelves needed for creating natural looking water falls and holding plant containers. Homeowners have also come to value the aesthetic and practical benefits that PondGard liners bring to their outdoor living spaces. Balancing functionality and beauty, PondGard Rubber Liners are perfect for:

- **Decorative ponds**
- **Fountains**
- **Hardscapes**
- **Koi Ponds**
- **Natural Looking Ponds**
- **Pondless Water Features**
- **Reflection Ponds**
- **Streams**
- **Water Gardens**
- **Waterfalls**

BSI REGISTERED
ISO 9001
FM 32845

ASTM INTERNATIONAL
Standards Worldwide



Over a Century of Experience

Elevate PondGard is developed by Elevate, the premier name in rubber technology. Since its beginnings in 1900 up to the present day, Elevate has served its customers with rubber products designed to perform and endure the test of time. This tradition of quality is extended to the lining industry through Elevate, a global leading manufacturer of rubber waterproofing membranes.

Elevate Green

As a leading international manufacturer, Elevate plays a key role in protecting the environment. We are committed to offering sustainable products and manufacturing processes. Our commitment to a greener planet has also lead to numerous environmental initiatives throughout our company.

BSI REGISTERED
ISO 14001
EMS 52644



A Wide Variety of Roll Sizes

Elevate PondGard is available in a variety of standard roll sizes to accommodate the requirements of any pond size. Special sheet sizes are available upon request, including lengths of 10 - 20'.

STANDARD WIDTHS

5' (1.52m), **35'** (10.67m), **45'** (1.22m)

STANDARD LENGTHS

25' (7.62m), **50'** (15.24m), **75'** (22.86m)

THICKNESS

0.045", 45 mil (1.14mm)

WEIGHT

.284 lbs/sq ft (1.39 kg/m^2)

Not all standard roll widths are available in all lengths. Please check with your PondGard Dealer.