



GROW

# GROWALL by Envirolok

landscape walls | garden beds | shorelines



fill

GroWall by Envirolok is a vegetative alternative to traditional retaining walls and shoreline protection solutions. GroWall is designed for simple installation, perfect for the do-it-yourselfer. Explore the amazing possibilities on your next outdoor living project. GroWall is the ideal slope solution for your home, cabin, school, or community space.



install

How does the GroWall system work? It starts with non-woven geotextile bags that do not biodegrade. The bags are filled with a mixture of sand and topsoil for strength and nutrients for plant growth. Stack the bags like you would a retaining wall block. GroWall's engineered connection system is added to each bag, maximizing the strength and stability. Now your ready to vegetate the system, using live plants, seed, or sod.



vegetate

Once installed, GroWall bags encapsulate the slope, protecting it from erosion and failure. As the plant roots grow through the bags and lock into the soil beneath, they add more strength to the system and help create beautiful, vegetated walls that will stand the test of time.

Explore the possibilities of the GroWall green retaining wall system and transform your outdoor living space today! Find out more at [growall-system.com](http://growall-system.com).



BUILD



PLANT



# landscape walls



GroWall makes building a retaining wall simple for anyone. The system is perfect for window wells, grade transitions at walk-out basements, culvert embankments, and more!

Unlike stone, concrete, and wood, there is no need for footings, foundations, or extensive drainage systems. Create terraces, curves, and straight lines without the need for cutting or purchasing special tools. The specialized connection system provides strength for walls up to 3 feet tall.

Need a taller wall? GroWall offers reinforcement kits with our patented stabilizer strips; allowing single walls up to 4 feet tall or terraced walls up to 6 feet tall. Walls can be constructed at a 1:1 slope to near vertical.



*Add your own personal touch with any variety of grasses, flowers, ground covers, or even sod.*

**GROWALL**  
by Envirolok®



*Combine GroWall with any new or existing concrete block or stone to liven up your landscape.*



## raised gardens

Looking for a unique alternative for your raised garden beds? GroWall gives you the flexibility to create any shape with soft curves or straight lines and without the need for complex tools or construction experience.

Wooden systems may cost less on paper, but factor in tedious yearly maintenance and the short lifespan of lumber when exposed to the elements, you will realize GroWall is a cost-effective, lifetime solution that gets stronger with age.

GroWall's vegetative raised planter system offers a clean and simple look that is easy to maintain. Take your garden to the next level and take advantage of the vertical space on your raised planter bed by adding annual or perennial edibles, herbs, or pest deterring plants. For a clean, simple, and easy to maintain look, use succulents, sedums, or ground covers.

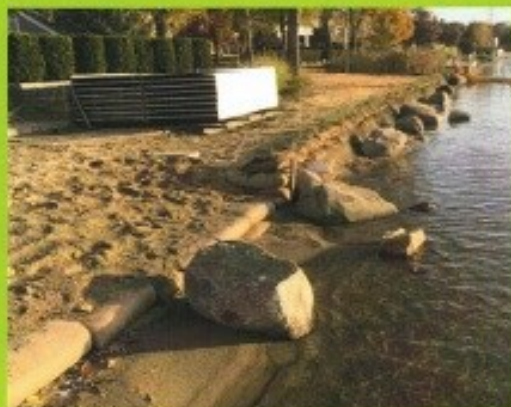




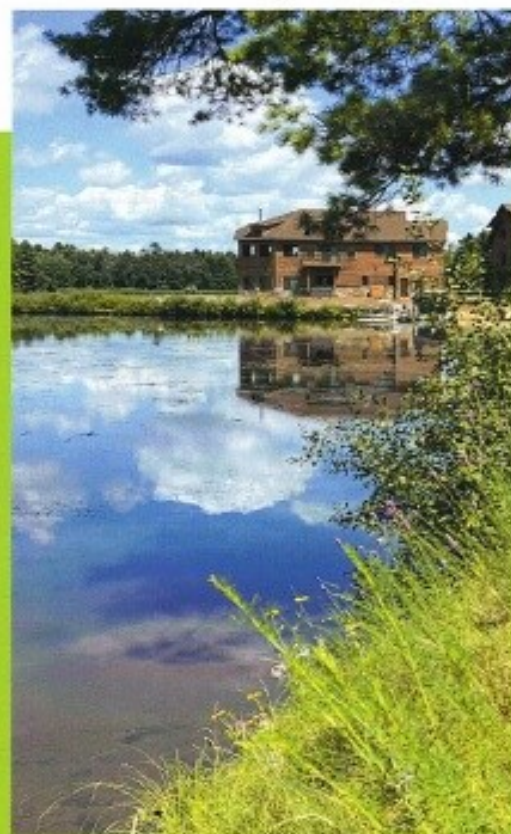
# ponds & shorelines

Shoreline erosion can be a challenging and costly battle. GroWall's shoreline protection kits offer a green alternative to coir logs, rip rap, or hard armoring. These kits are ideal for DIY installations along the edges of ponds, lakes, streams, or any place that water meets land. In addition to the engineered strength of the GroWall system, Pond & Shoreline Protection Kits include patented stabilizer strips to help secure the system against wave action, ice, and debris.

GroWall is perfect for areas of low to medium water energy. For high water energy areas, GroWall can be combined with hard armoring for a vegetative buffer or used above the water level to encapsulate the shoreline and reduce erosion.



**GroWALL**  
by Envirolok®



## The GroWall Advantage

### easy to install

So easy that the entire family can help! Include the kids when making your GroWall project or simply complete the project on your own. From filling to stacking, you'll be done in no time at all!

### flexible

Create any shape! The great part about GroWall is it gives you the flexibility to make curved shapes with ease and straight lines are a breeze. GroWall is perfect for working around existing trees, buildings, and more.

### long-lasting

Unlike other traditional landscaping materials GroWall is designed to last. Concrete, wood, and other materials degrade and breakdown over time, while GroWall becomes stronger as vegetation grows through the bags.

### sustainable

Rest easy knowing that GroWall has a smaller carbon footprint and lasts longer than traditional hardscapes. Want to do more to help your local ecosystem? Plant GroWall with pollinator-friendly native plants!

### simple

No need for footings, foundations, specialized backfill, or drainage systems with GroWall. A little bit of math and a few tools and your work is done without the need for precision skills.

### need more?

Needs some help? Our team of horticulturalists, designers, and engineers are here to help! If our extensive online resources and instructional videos don't give you what you need, just reach out!



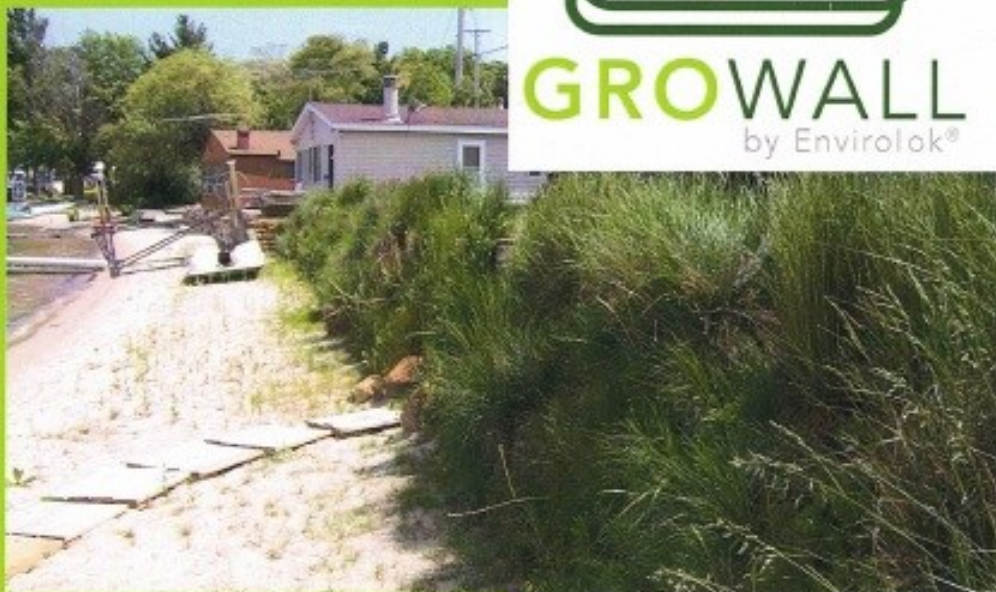


# Let Nature Do the Work

Once you have the design in mind, use the GroWall calculator to determine the total materials needed and order a predesigned or custom sized kit. GroWall bags ship directly to you and can be filled with 45-60 lbs of a sand/topsoil mix.

Once the bags are filled, dig a small trench. Then place the connection pins, lay the bags, compact, and repeat. Add vegetation as you go or after the bags are all stacked. It's that simple! No complex construction. No specialized tools.

Now that your GroWall system is in place, it's time for nature to do the work. From native plants to sedum or sod, you can choose a pallet of color and texture that is unique to your outdoor living space.



## What do I need to get started?

Scan here for bag filling, installation tips, & more!

GroWall can be ordered in kits of 10, 50, 75, or 100 units. Each unit contains 1 bag, 2 connection pins, and 1 closure tie.

### How many units do I need?

First measure the height and length of the area in feet. A filled bag averages 26" long x 12" wide x 4.5" tall. Next, use the following calculation or visit [growall-system.com](http://growall-system.com) for an interactive calculator.

**A Total Units High** (include buried courses)  
Height of Slope (feet) / .33 (feet)

**B Total Units Long**  
Length of Slope (feet) / 2 (feet)

**# Total Units Required**  
 $A \times B$

### Example Project

You are looking to install GroWall along a shoreline that is 30' long and 1.5' tall. (Be sure the height includes a minimum of 1 buried course of bags.)

(A): Height  $1.5' / .33 = 5$  Units

(B): Length  $30' / 2 = 15$  Units

(#): Total  $5 \times 15 = 75$  GroWall Units



GroWall Units include 1 Bag, 2 connection pins, and 1 closure tie. Units are shipped empty and can be filled on site.



fill



tools



planting

Bulk or bagged material (70% sand/ 30% topsoil) from your local hardware store or garden center works best. You can use just sand, but remember you'll need to pick plants that like sand, water more frequently, and likely need to fertilize.

Here is a list of recommended tools:

- Tape measure
- Shovel
- Hand tamper
- Landscape rake
- Safety glasses
- 5 gallon bucket

Select your vegetation prior to starting your project. You can add plants as you build, or seed or sod after the wall is complete. Need help selecting vegetation? We've got you covered. Contact us today to order a custom plant kit or native seed.