

## About the EcoPile

The Ecopile is a vinyl-fiberglass composite marine piling engineered and designed by and for the marine contracting industry.

Shoreline Plastics, the manufacturer of the Ecopile, recognizes the growing environmental resistance to pressure treated timber in our waterways, as well as the shortening lifespan of newer wood pilings in the marine environment due to marine boring organisms.

Shoreline Plastics, with a lifetime of experience in the marine contracting industry, developed the Ecopile. It is designed to outlast all other pilings and to meet all the rigors of harsh marine construction. It is also engineered for the exacting needs of walkways, boat lifts and boathouses.

The Ecopile is 100% free from any leaching pollutants, 100% recyclable, 100% impervious to wood boring organisms and meets all the sustainability standards of exacting environmental requirements.

## The EcoPile is...

- Boat friendly
- UV resistant
- 100% recyclable
- 100% free of leaching chemicals
- 100% resistant to wood boring organisms
- Cost effective
- Maintenance free
- protected by a 25-year limited warranty

## Eco-Friendly

Everything about the EcoPile makes it the most environmentally friendly choice when choosing a piling. For every single EcoPile you choose to use, you are saving several trees over the lifespan of the piling. Every wooden piling that is driven into the ground is coated in chemical preservatives that hurt the marine ecosystems. The webbed substrate of the EcoPile is also made up of recycled PVC, so for every foot of piling up to 10 pounds of plastic are being reused in a sustainable way. When the piling is no longer needed, it is 100% recyclable.

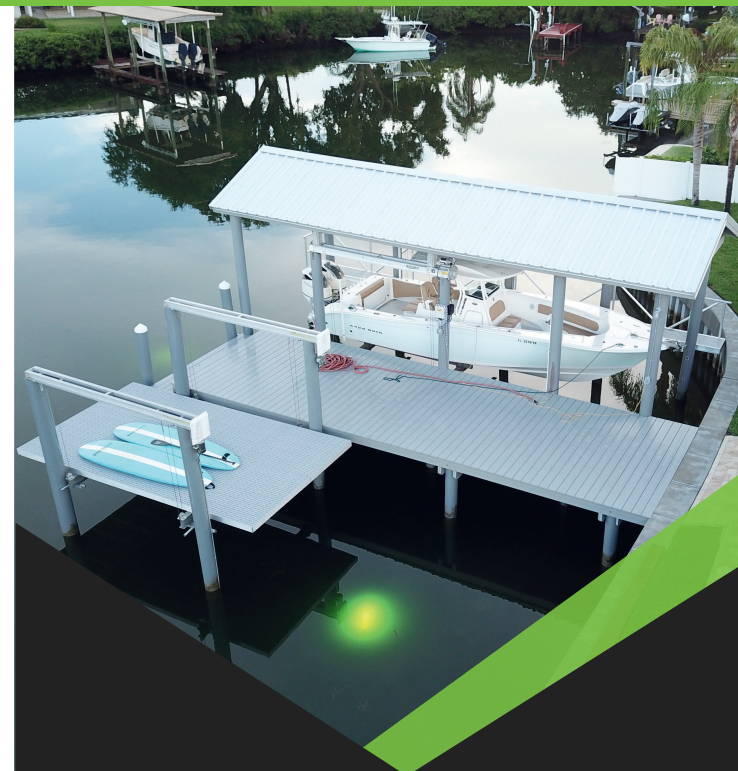
Several states across the US have already banned the use of any kind of treated lumber that contacts the water. Many other states are following suit, by slowly drawing back the allowed amount of treatment in the wood. Although it helps to clean up the water, the wood is less protected, thus reducing its useful life. Homeowners used to see 20 to 30+ years of life out of a wooden piling, but now it is not uncommon for a wood piling to fail in less than half that time.



A product of:

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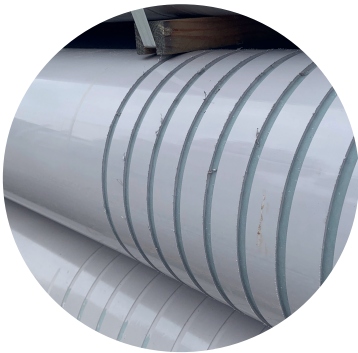
## Engineered Benefits

### Internal Webbing

The hexagram internal truss system significantly increases the EcoPile's strength and rigidity. All the triangles work together to make the piling much stronger than a hollow pipe.



### Grooved Retention Rings



The bottom section of the EcoPile that is driven into the ground has a series of spiral rings cut into it that allows sand to grip the piling better. The extra surface area from the grooves and webs make the EcoPile very resistant to settling as well.

### PVC/Fiberglass Composite

Chopped fiberglass is added to the rigid PVC during the manufacturing process. This allows us to utilize the strength of Fiberglass, while keeping the production cost down. The outer layer of the EcoPile is UV/IR resistant, and it also enhances the piling's impact resistance.



## Protect Your Investment

The EcoPile is the first composite piling to be budget friendly. At about half the price of comparable 100% fiberglass pilings, choosing the EcoPile should be a no-brainer. By the time you purchase a wooden piling and have it coated with a protective layer, the price of the piling is not far off from the EcoPile. When you consider the amount of times a wooden piling will need to be replaced over the life of the dock, the EcoPile becomes the more economical solution. The pilings are the foundation of the dock, and that is the first place you should look when choosing composites. You can easily replace a deck 10 years down the road, but if your pilings fail, the whole structure will need to be replaced. Switching all of your pilings to the EcoPile will result in a small increase in overall job costs upfront, but you will never have to worry about your foundation again. **Would you rather spend money on a new boat or a new dock every 10-15 years?**

## Never Change Your Piling Again!

