

Introducing...

HydroBlox™
Cardinal Systems, Inc.



WHAT IT IS:

HydroBlox™ is a unique solution to controlling how and where water flows.

This permanent, non-clogging filtration and water disbursement system resembles a black hunk of “mac & cheese” with its intertwining noodles and intermittent specs of color. **HydroBlox™** performs its main function utilizing water pressure to direct the flow in the path of least resistance.

***Water is absorbed and travels through HydroBlox™ while the fine particles are filtered.**



HOW IT WORKS:

Bury **HydroBlox™** in an area where you need to control water; the planks can be laid flat, placed on edge or even stacked. There is no need for heavy equipment, geotextiles, drainage pipe, sand, or aggregate. Just establish the proper slope, install the **HydroBlox™** and backfill — they will not crush or settle!

HydroBlox™ only absorbs water; not dirt or silt. As water is introduced to the planks, filling microscopic cracks and crevasses throughout the product, the planks get saturated. This is where the water pressure and the “laziness” of water take over — the water would rather flow downward and utilize the easier path through **HydroBlox™** than “fight” its way back to its origin. Once the plank is saturated, the water then flows from plank to plank, to its final destination.

***Water is released from HydroBlox™ when daylight is reached.**



A GROUNDBREAKING NEW MATERIAL

HydroBlox™ is an advanced material manufactured from **100% recycled** thermoplastics. An exceptionally porous, high-strength plastic, **HydroBlox™** can filter and direct the flow of water using surface tension unique to this product. It maintains permeability, requires little to zero post-installation, maintenance, and can easily be added to or reused as part of any future site developments.

For more information please visit:
www.hydroblox.com

