



NATURAL ZEOLITE FILTER MEDIA SUPERIOR SAND REPLACEMENT

- **Improves Clarity**
DE-like micron clarity
Huge dirt trapping surface area
- **Reduces Chloramines**
Reduces chemical shock treatment
Traps Ammonia
- **Reduces Water Use**
Increases time between backwashes
Shortens backwash time



What Is ZeoSand?

ZeoSand is a high purity natural zeolite that has a unique three dimensional honeycomb structure. Natural zeolites were formed millions of years ago by alkaline salt water altering volcanic ash. ZeoSand is a clino type zeolite that has a huge surface area and a natural ammonium ion trapping capacity. The same natural zeolite in ZeoSand is also used as a soil amendment and feed additive.

Why Does ZeoSand Give Superior Clarity?

The sandpaper rough surface has 1 to 15 micron pore spaces that trap smaller particles than sand; thus, water clarity is improved. A cubic foot of ZeoSand has the surface area of 100 football fields - 100 times greater than sand. ZeoSand's huge surface area holds more dirt than sand; therefore, the time between backwashes can be increased.

How Does ZeoSand Control Chloramines?

ZeoSand traps and holds ammonium ions through a molecular sieving or water softening action. Sand does not trap ammonium ions. Less ammonia means reduced eye-burning chloramines. Since chloramines are lower, chemical shock treatments are not needed as often. A twenty five pound bag of ZeoSand will trap about half a pound of ammonium ions.

How Is ZeoSand Used?

Typically, one 25 pound bag of ZeoSand replaces a 50 pound bag of sand. ZeoSand weighs 55 pounds per cubic foot compared to sand that weighs 100 pounds per cubic foot.

To install, remove all of the sand from the filter, and repair any damaged parts. Fill the filter half way with water and slowly pour the ZeoSand into the filter. Backwash until the backwash water is clear; this will take several minutes. Turn the filter off for two minutes and let the ZeoSand settle. Backwash for an additional two minutes, and check to be sure the backwash water is clear. If the backwash water is clear, turn the multiport valve to filter and start the pump.

How Long Does ZeoSand Last?

Under normal conditions, ZeoSand will need to be replaced about as often as sand. After filter use, ZeoSand may be added to your garden or potted plants as a soil conditioner. ZeoSand may be discarded as a non hazardous waste.

See Zeo's web site, www.zeoinc.com, for more information about ZeoSand and other natural zeolite products.