



## WHY ZEOBRITE® FILTERS BETTER THAN SAND

Silica sand is composed of rounded grains that trap “dirt” particles three different ways:

1. Mechanical straining
2. Sedimentation
3. Flocculation



Magnification  
1200 x

Zeobrite® is composed of angular grains of zeolite that have interconnected pore spaces. This creates a surface area over 100 times greater than sand. Zeobrite® provides the same filtration mechanisms as silica sand but in addition it also offers:

4. Physical Adsorption
5. Electrostatic Adsorption
6. Ion-Exchange



Magnification  
1200 x

## COMPARISON OF FINENESS OF FILTRATION

Zeobrite® is a better filter media than sand due to its micro-porous structure that removes very fine particles. Zeobrite® filtration in a properly engineered system is comparable to diatomaceous earth filtration.

