

**Zeobrite® Xtreme™** is made from a unique micro-porous rock called zeolite that has a honeycomb shaped, molecular lattice. Zeolite is known as an ion-exchange mineral for its ability to attract and bond certain positive charged ions. Zeotech Corporation has developed a patent pending process to alter the zeolite surface charge. Research and testing over several years has resulted in a breakthrough in granular filtration media.

The patent pending process maintains the internal ionic charge of the zeolite crystals while changing the charge of the outside surface. This "Dual Charged" process gives **Zeobrite® Xtreme™** an active electro-chemical surface that attracts and removes particles that are suspended in pool water. These particles, both charged and non-charged result in turbidity that makes the water appear cloudy. **Zeobrite® Xtreme™** is activated by simply soaking the granules a minimum of 30 minutes to one hour during the installation process.

Third party, independent testing shows that **Zeobrite® Xtreme™** can remove in excess of 90% of suspended particles (turbidity) on the first water-volume turnover. Backwashing Test results show reduced backwashing time, saving water consumption. Cleanability Testing resulted in thorough cleaning of the media bed. Additional testing showed **Zeobrite® Xtreme™** to be very stable when used in salt-water pools or when subjected to chlorine shock and other pool chemicals.

Maintaining the internal negative charge also allows **Zeobrite® Xtreme™** to aid in removing excess ammonia and chloramines from pool water. This feature is especially attractive for use in commercial in-door swimming pools. **Zeobrite® Xtreme™** should be cleaned with a filter cleaner at least once per year in residential pools and every six months in heavy user commercial pools. For new in-ground gunite/plaster pools, the media should be cleaned 30-45 days after pool start-up to remove any plaster dust build-up in the filter.

## The New Green Generation of **Xtreme Filtration for Pools**

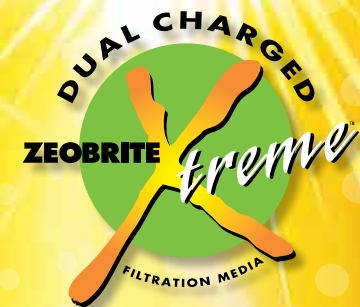
### TAKING WATER FILTRATION TO THE EXTREME

- **Unique Dual Charged Particles**
- **Extreme Water Clarity**
- **Quick / Clean Startups**
- **Reduces Excess Chemical Use**
- **Lowers Filter Run Times**
- **Lowers Water Consumption**
- **Maintains Stability With Chemicals**
- **Saves Money**

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# THE BRIGHTEST IDEA IN POOL FILTRATION

# DUAL CHARGED FILTRATION



# Engineered to the highest standards available

NSF International,  
Ann Arbor, Michigan  
Engineering Laboratories

• NSF/ANSI Standard 50  
Turbidity Reduction Test

Tested with a 24-inch  
sand filter @ 62gpm  
flow rate

**Initial Turbidity—  
0.53 NTU**  
**Challenge Water  
Turbidity—40.8 NTU**

**Turnover 1-4.36 NTU = 89.3%**  
**Turnover 2-0.59 NTU = 98.6%**  
**Turnover 3-0.44 NTU = 100%**  
**Turnover 4-0.34 NTU = 100%**

The Recirculating Xtreme filtered  
water is cleaner than the  
initial water.

**Filter Media Cleanability  
Test Procedure:  
ANSI/NSF 50-2009, Annex B4**

**Initial Static Headloss — 8.46 psi**  
**Soil filter with ball clay, baby oil and DE**  
**Pressure after soiling — 24.45 psi**  
**BACKWASH — 5 minutes, RINSE — 1 minute**  
**Final Headloss after backwash — 8.57 psi**  
**Actual change in headloss — 0.1%**  
**PERFECT CLEANABILITY**

**Performance of a Filter Medium  
Single Pass — Constant Rate**

**Percent Removal of Particles  
2–20 microns**

**TEST METHOD: ASTM F795-88**

**Particle Counter: HR-8000A**

**ISO Coarse Test Dust —  
Water flow at 15 gpm/ft**

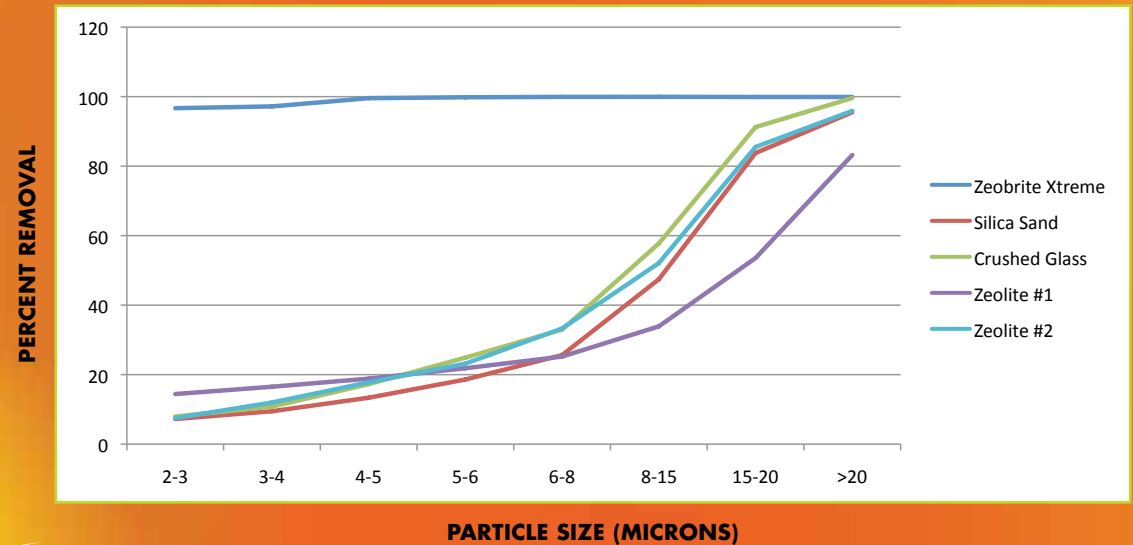


- Patent pending dual-charged particles
- 10x the surface area of sand
- Pre-washed for quick and easy start-ups
- Charge-activated by soaking in water



**Zeobrite Xtreme  
is the smart  
choice for both  
residential and  
commercial filters.**

**Filtration Efficiency — Single Pass — Zeobrite Xtreme™ Vs Other Medias**



Test Method: ASTM-F795  
Date: 1/22/10  
Run By: IBR Laboratories  
Apparatus: 9"x48" Filter Bed Housing with Backwash Valve  
Test Flow Rate: 6.6gpm / 15gpm/ft<sup>2</sup>  
Contaminant: ISO Coarse Test Dust 12103-1 A4, Particle size range 2–20 microns  
Particle Count: HR-8000A