

ASTRALPOOL



VIIRON ACTIVE

GLASS MEDIA

Upgrade your pool's filtration system with AstralPool's Viron Glass Media, an advanced solution that outperforms traditional sand and conventional glass media. Specially designed for superior filtration, Viron media is available in both coarse and fine grades, making it versatile and adaptable to various pool setups.



ACTIVELY CHARGED
GLASS MEDIA



REDUCES
BACKWASHING



STRONG AND
LONG LASTING



SCAN ME
For More Details

VIRON ACTIVE GLASS MEDIA

Glass filter media may look the same but Viron Active Glass Media has a negative electrical charge which conventional glass does not have. The negative charge applied during the manufacturing process lasts for the life of the media and attracts organic molecules improving the clarity of your pool water over sand or conventional glass. Reacting with chlorine or other sanitisers, the trapped organic material quickly oxidises and prevents the formation of film, bacteria and algae in the filter bed. The negative charge, called the Zeta Potential can be measured in millivolts and continues to work regardless of the pH of your pool water creating effective filtration at all times of the year.

REDUCED CHLORINE LEVELS AND CONSUMPTION

The reduction of bacteria and viruses in the filter bed leaves higher free chlorine levels to sanitise the pool water. Low combined chlorine levels reduces the unpleasant "chlorine smell" associated with many pools.

SAVES WATER, ENERGY AND CHEMICALS

All Sand filters, whether using glass or sand require regular backwashing to lift and remove the debris from the filter bed. Backwashing and rinsing your sand filter will use between 800 and 2000 litres each time, depending on the size filter you install. That's potentially 7,000 to 12,000 litres of chlorinated, heated and chemically balanced pool water each year. Expensive! The reduced film, algae and bacteria of Viron Active means that the flow rate required to backwash your filter effectively is 50% less than sand or conventional glass media.

CLEANER, CLEARER WATER -

Independent tests (CTM Centre Tecnològic, Project PR13/0118, OT 105SATA13) demonstrates that Viron Active cleared cloudy water 30% faster than sand or conventional glass. This means the pool pump can operate less hours a day, with less passes through the filter to achieve sparkling clean water, saving you money and achieving a perfectly clear pool faster than ever.

FASTER FILTER DOWN TO 5 MICRON

While conventional glass and sand filters will filter particles down to 20 to 30 micron, Viron Active will filter down to 5 micron particles at a flow rate of 20m³/m² of filter area. In layman's terms, the filtration quality is exceptional and Viron Active is ideal for variable speed pumps operating on low speeds.

Viron Active is carefully crushed glass to achieve the ideal size and maximum surface area to collect the highest quantity of organic material before backwashing is required. The bottom layer of the filter is filled with glass particle sizes between 3mm and 7mm while the top 65% of the filter bed is filled with glass particle sizes ranging between 1mm and 3mm in size.

Viron Active is also ideal as the filter media for aqua culture and aquariums where low chlorine environments are essential to marine life.

In filtration systems with a filter media, backwashing must be performed when the water pressure drops to a certain level. Normally, backwashing this media involves flushing the filter bed so that the particles retained inside it are released from the media.

Viron Active Glass requires less water flow (up to 50% less consumption than sand filters) to flush the bed compared to a standard glass filter. The activated glass system will mean that less water is required for backwashing under certain conditions.

