

# DURAFILTER MEDIA

Recycled glass filter media for swimming pools



The UK's Leading Independent  
Swimming Pool Manufacturer and Distributor



## ● Improved clarity

A genuine step forward in pool water filtration. Durafilter filters out the smallest particles from pool water. Crystal-clear pool water guaranteed.

## ● Improved water quality

Pools using Durafilter as filter media will benefit from a reduction in chloramines. No more red eyes and undesirable chlorine smells.

## ● Healthy pool water

Bacterial contamination is commonplace when conventional sand is used as the filter media. Durafilter actively resists filter contamination resulting in cleaner, healthier water.

Your local supplier:

[www.plasticapools.com](http://www.plasticapools.com)

# Durafilter Glass Filtration Media

## MINIMAL PAYBACK PERIOD

Unlike silica sand, Durafilter does not need to be changed every five years. Durafilter will almost certainly outlast your filter tank. Pools using Durafilter will use less chlorine and need to be backwashed less frequently; dumping heated and treated water can be expensive. You can expect a payback period of less than 12 months when converting from silica sand to Durafilter.

## SUPERIOR PERFORMANCE

Durafilter is largely self sterilizing and is cleaned with approx 50% less back-flush water. The life of Durafilter may outlast the life of the filter. Durafilter will remove smaller particals from water. Under controlled conditions using I 6/30 sand, at a flow rate of 10m<sup>3</sup>/hr/m<sup>2</sup> the sand removed approx 90% of all particals down to 10 microns. Durafilter Grade 1 under the same conditions removed partical size down to 5 microns.

## HOW TO USE DURAFILTER

AFM is very easy to use. It is a direct replacement for sand in all pressure or gravity flow sand filters.

Simply remove the sand and replace with Durafilter. In all tests Durafilter out-performed sand.

The filter should be layered with grade 2 or 3 Durafilter as the bottom layer.

The quantity of base material will depend on filter design. However, it is normally 10% to 20% of the total bed volume. Grade 1 Durafilter is placed on top of the grade 2 or 3.

## DURAFILTER SPECIFICATIONS

### Standard Particle Size

Grade 1 ..... 0.5mm to 1.0mm

Grade 2 ..... 1.0mm to 2.0mm

Grade 3 ..... Up to 6.0mm

### Chemical Composition

SiO<sub>2</sub> ..... 72% (Silicon Dioxide, Silica)

Na<sub>2</sub>O ..... 13% (Sodium Oxide, Soda)

CaO ..... 11% (Calcium Oxide, Burnt Lime)

MgO ..... 2% (Magnesium Oxide, Magnesia)

Al<sub>2</sub>O<sub>3</sub> ..... 2% (Aluminium Oxide, Alumina, Aloxite)

