

Certikin

FLUIDRA

REPLACES SAND IN ALL TYPES OF SAND FILTERS!



WHAT IS CERTIKIN GLASS FILTRATION MEDIA?

Certikin Glass is a filtration media made from 100% recycled glass in ultra-sophisticated glass factories.

Produced in strict compliance to ISO specifications, Certikin Glass undergoes a unique washing process using 100% rainwater to become the best, safest and purest non-activated glass media on the market.

Certikin Glass Filtration Media allows ultra-fine mechanical filtration while suffering less from bacterial clogging than sand.



PRODUCT FEATURES



Made from 100% recycled glass sourced locally

Improves the performance of all sand filters



Reduces the formation of biofilm in the filter bed

Safe product manufactured under ISO9001-2015

YOUR BENEFITS

Clearer water and reduced chemical consumption: Certikin Glass removes up to 30% more particles than sand.

Less chlorine smells: Certikin Glass reduces the formation of trichloramines in the filter for a healthier atmosphere in swimming pools.

Less backwash water: Certikin Glass needs shorter and slower backwashes than sand (240 seconds to evacuate 99% of retained particles at 45 m/hr)

Stable performance and longer lifespan: Certikin Glass has less efficiency loss over a complete filtration cycle and 2 times greater longevity than sand.



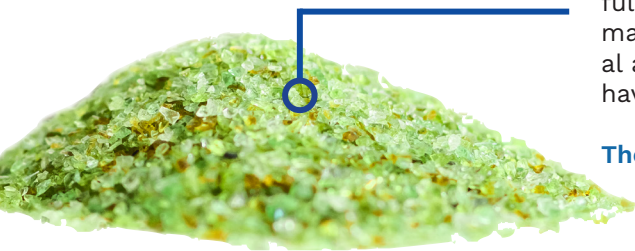
CERTIKIN GLASS PHYSICAL SPECIFICATION

Particle size Grade 1	0.3 - 1.0 mm	Hardness	> 7 mohs
Particle size Grade 2	0.8 - 2.5	Sphericity	0.79
Bulk bed density	1,25kg/l	Effective size	0.40
Loose organics	95g/ton	Uniformity coefficient	< 1.85
Ferrous metal	13g/ton	Aspect ratio	2 - 2.4

THE SAFEST & PUREST GENERIC FILTER MEDIA

The glass is washed using 100% rainwater, decontaminated and carefully broken to the appropriate particle shape and size. Above all we make sure no dangerous glass splinters can get into the filter material and that the organic load is **below 100g per ton**. Other glass media have a contamination between 500g and 10'000g per ton.

The same price as other glass sand on the market, but a higher quality!



GRANULOMETRY AND LAYERING

Follow the manufacturer's instructions to fill the filter with the same volume of Certikin Glass Media as sand. The quantities by weight should be reduced by 15% as Certikin Glass Media has a lower density than sand (1.250kg/m³). For example: to replace 300kg of sand you will only need 250kg of Certikin Glass Media (10 bags).

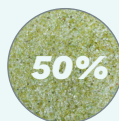
For filters <760mm/30" diameter

Top layer: 50% Certikin Glass Media Grade 1
Bottom layer: 50% Certikin Glass Media Grade 2

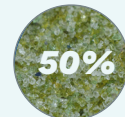
For filters >760mm/30" diameter and all commercial filters

Top Layer: 50 % Certikin Glass Media Grade 1
Mid Layer: 25% Certikin Glass Media Grade 2
Bottom Layer: 25% Certikin Glass Media Grade 3

GRADE 1
0.3 - 1.0 mm



GRADE 2
0.8 - 2.5 mm



OPERATING CRITERIA

Recommended filtration rate: 20-50 m/h, ideal < 30 m/h
Recommended backwash rate: 30-50 m/h, ideal > 40 m/h

PACKAGING

Certikin Glass is supplied in bags of 25kg