



# diamond kleen™

FUSED SILICON DIOXIDE FILTRATION MEDIA

THE CLEANEST & MOST STERILE GLASS FILTRATION MEDIA  
FILTERS WATER BETWEEN 1 TO 3 MICRON



- ✓ Safer to Use
- ✓ Reduces Operating Costs
- ✓ Superior Cleaning
- ✓ Reduced Bacteria Growth



## DON'T START YOUR POOL WITH JUST ANY GLASS, CHOOSE DIAMOND KLEEN.

Diamond Kleen is the only glass filtration media that has been treated with our industrial autoclaving sterilisation process. All other non-sterilised glass tested contained harmful levels of ecoli, fecal chloroforms and other dangerous bacteria.

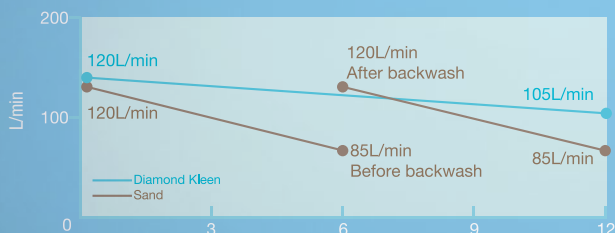
Diamond Kleen is an integral part of any quality filtration system, it provides superior water flow reducing pressure with outstanding results. Ideally it works in conjunction with the mineral pool flocculation process, amalgamating finer parts together which are caught in the filter, but is also effective with salt systems. When compared to a sand, zeolite, D.E. filter or cartridge filter, Diamond Kleen filtration typically can save between 2,000 and 10,000 litres of water per year. The larger spaces between the particles which allows for a more efficient water flow. This efficiency also results in a reduction of electrical power required, therefore lowering the amount of carbon emissions.

### Features

- ✔ Environmentally friendly; reduces your carbon footprint.
- ✔ Made from 100% recycled material.
- ✔ Longer lifetime (by up to 3 times).
- ✔ Exceptional cleaning ability; significantly reducing chemical usage.
- ✔ Less likely to block or channel; better filtration.
- ✔ Saves energy through easier pump loads and extended pump life.

### It's All About Water Flow

L/M graph Sand V Diamond Kleen



The better the flow rate through your pool's filter, the more water you circulate each minute or hour. Simply by increasing your water flow rate with Diamond Kleen, cumulative energy savings can be realised with more effective filtration.

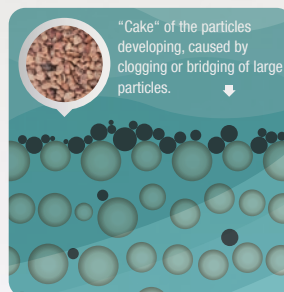


Poolrite is an Australian made and owned product of The Evolve Group of companies

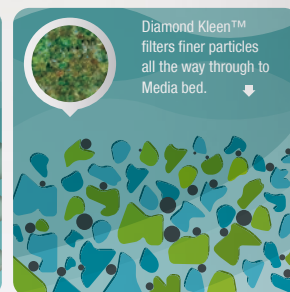


PRODUCT INFORMATION		
Size	Grade	Particle Size (mm)
15 kg	M10 fine	0.75 - 1.7
15 kg	M20 coarse	1.7 - 3.0

### STRAINING V FILTRATION



Sand



Diamond Kleen™

Independent study shows Diamond Kleen filters finer particles all the way through the media bed. Other filters build-up quickly on the surface of the bed creating back pressure.

### Reduced Bacteria Growth

Tests prove that regular filter media can provide a breeding ground for harmful bacteria. The smooth surface of Diamond Kleen™ discourages bacteria growth within your filter making Diamond Kleen™ the safer and smarter choice.

### Diamond Kleen™ INDEPENDENT STUDY

Comparative Performance Analysis of Crushed Recycled Glass as Granular Filtration Media in Swimming Pool Water Treatment.

Report Prepared by *Jennifer-Leigh Campbell*

"The Diamond Kleen produced better turbidity reduction and particle removal. Based on the results Diamond Kleen was deemed more efficient theoretically and experimentally than traditional sand and zeolite media for use as swimming pool granular filtration media."

### Compatible filters

Diamond Kleen is ideal for all media filters.



See the full range of products at

[poolrite.com](http://poolrite.com)

