

# ACTIVE CLEAR GLASS

An activated glass  
filter media

	Code	Effective size d10 (mm)	% VOLUME OF THE FILTER BED	
			Filters D < 900 mm	Filters D > 900 mm
Range 1	57011	0,45	80%	60%
Range 2	57012	1,1	0%	20%
Range 3	57013	2,3	20%	20%





## ACTIVE CLEAR GLASS

AstralPool offers Active Clear Glass, an advanced filter media

### Main advantages of the product:

- 1 More efficient eco-friendly filtration.
- 2 Greater filtration capacity.
- 3 Savings on water and energy.
- 4 Cleaner filter bed as bacteria do not remain trapped and fewer chemical products are needed.

**Active Clear Glass complies with standard  
EN 16713-1**

The efficiency of Active Clear Glass was shown in independent tests conducted by an internationally renowned testing facility in France, the Institut de la Filtration et des Techniques Séparatives (IFTS – [www.ifts-sls.com](http://www.ifts-sls.com)).

The following page shows the results and conclusions of the comparative tests run on the following materials\*:

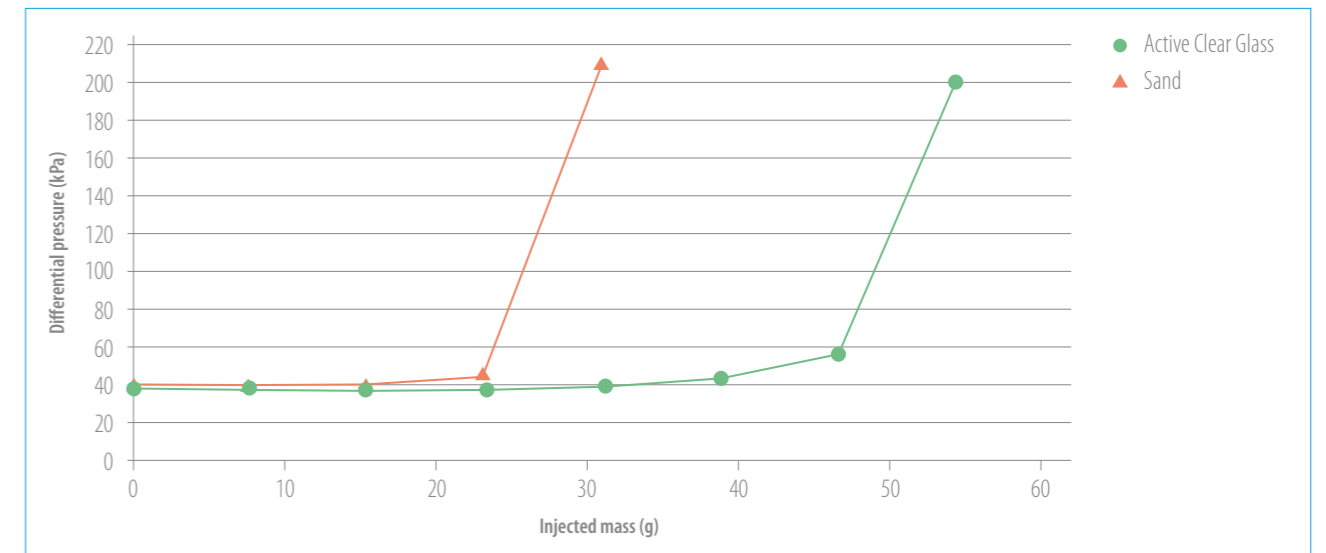
- ▶ Sand
- ▶ Active Clear Glass



\* These conclusions only apply to the experimental conditions used in the study. Differences may arise in the results if conditions are substantially changed.

## SATURATION of the filter media

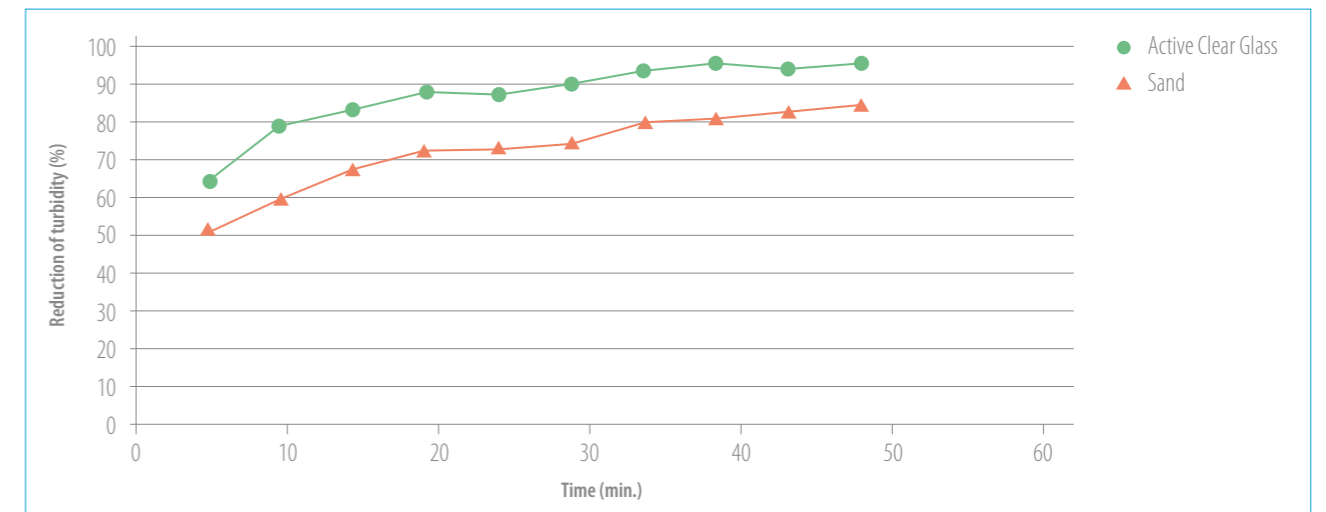
In filtration systems with a filter media, backwashing must be performed whenever there is a considerable increase in head loss.



**Active Clear Glass** shows a spectacular improvement in comparison with sand in terms of the capacity to retain dirt in the filter between each backwash. Therefore, water consumption can be reduced by up to 50%.

## QUALITY of filtration

In the filtration of pool water, the percentage and speed with which turbidity is reduced indicate the quality of water treatment.



The results obtained show that the final quality obtained using Active Clear Glass is 12% better than with sand media.

## Comparative table of the filter media

MATERIAL	MEDIA SATURATION	QUALITY OF FILTRATION
Sand	●	●
Active Clear Glass	●	●

**SATURATION:** Media clogged by the dirt retained. Water required for backwashing.

**QUALITY:** Level of reduction in turbidity reached using an equivalent sample.

Water clarity.

