

ECOPURE

GLASS MEDIA

Efficient • Clean • Long Life



Efficient. Clean. Long Life

Waterco's Glass filter media is manufactured from recycled glass, it is an environmentally friendly and viable alternative to sand. Plus it offers finer filtration than sand.



High Purity

Whereas other filter media may contain a variety of contaminants, Waterco's Glass filter media is chemically inert for superior purity. In fact, it does not contain any crystalline free silica or heavy metals.

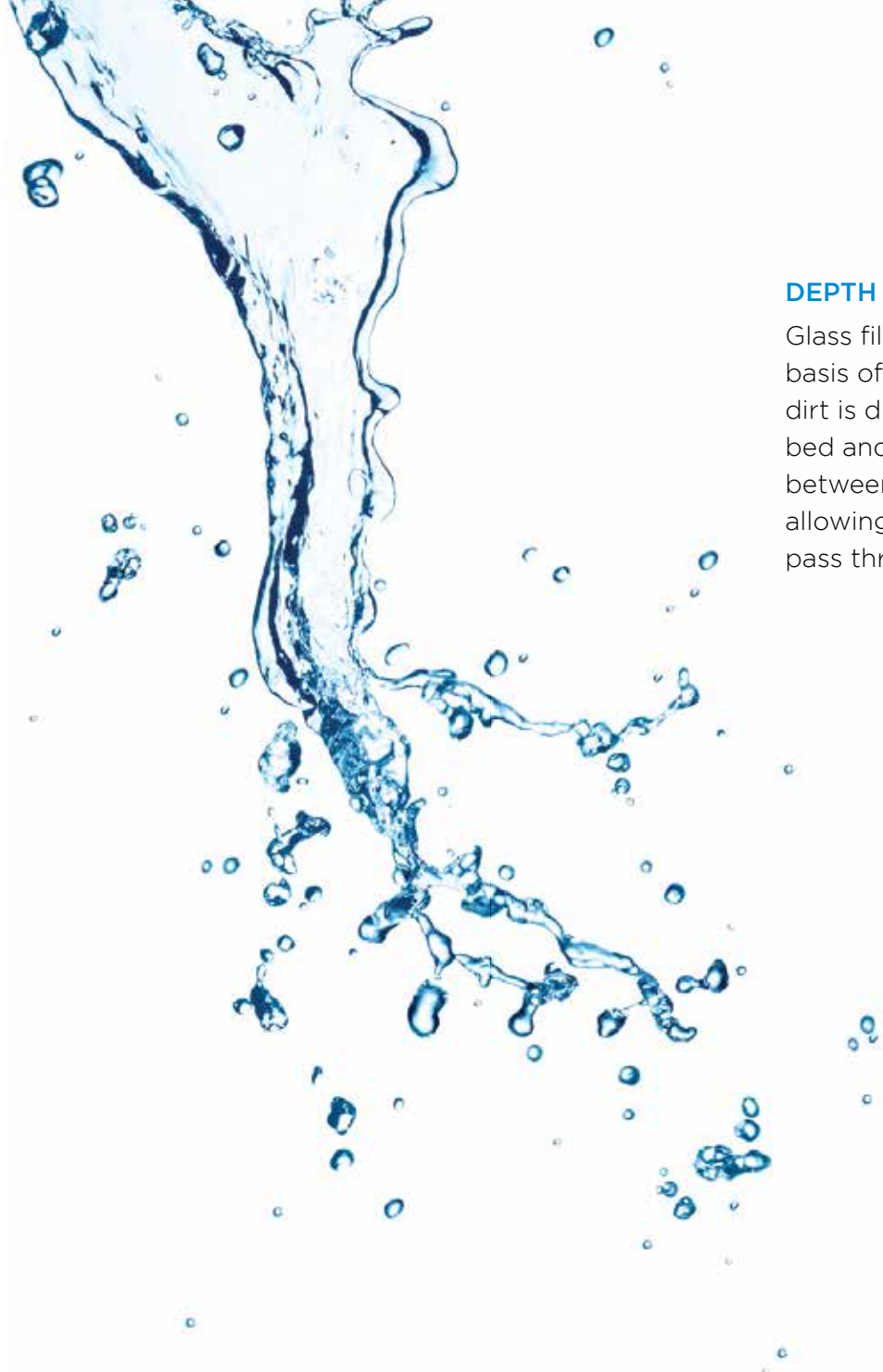
Its high purity also greatly reduces its initial backwashing requirements, prior to commissioning a filter, enabling a rapid start up of media filters.



Recycled

Raw material is taken directly from household recycling schemes and is 100% recycled glass.

This offers environmental savings when compared with alternative natural resources which would otherwise be used.



Efficient

It removes more materials and pollutants than sand, saving on backwashing and resultant water, heating and chemical treatment costs.



Clean

It is less susceptible to bio-fouling. The heat-treated surfaces are smooth, requiring less remedial action and less chemical treatment to kill pollutants.

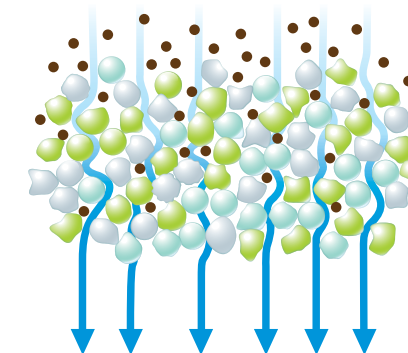


Long Life

It has undergone specialised heat treatment process, which means that its degradation is slower and it therefore has a longer life span.

DEPTH FILTRATION

Glass filter media operate on the basis of “depth filtration”; dirt is driven through the filter bed and trapped in minute spaces between the particles of filter media allowing the cleansed water to pass through.



Grade 1 0.5 - 1.0mm
(equivalent to Grade 16/30 sand)



Chemical Compositions

| | |
|---|-------|
| Silicon dioxide (SiO ₂) | 72.2% |
| Sodium oxide (Na ₂ O) | 13.3% |
| Calcium oxide (CaO) | 10.9% |
| Magnesium oxide (MgO) | 1.65% |
| Aluminium oxide (AL ₂ O ₃) | 1.5% |