



HATENBOERWATER

Fresh in water since 1906.

Anthracite

Filter material

What is Anthracite

Anthracite is a selected, natural, hard and clean anthracite. It is used in single- or in dual-layer media filters for the purification of all kinds of water including potable-, waste-, sea-, brackish-, process- and swimming pool water.

Important: Anthracite will not release any SiO_2 to the water

Applications

- Filtration for removal of suspended solids
- Filtration of surface- and well-water
- Filtration of coagulated water
- Filtration to protect activated carbon filters, ion-exchangers and reverse osmosis membranes
- Filtration of swimming pool water
- Filtration of condensate
- Filtration of waste water (biologically or physiochemical pre-treated)
- Filtration of recycle water.

Available sizes

(K1) 0,8-1,6 mm

(K2) 1,4-2,5 mm

Technical details

Filtration rate

Open filters: 5 – 15 m^3/h .

Pressure filters: 15 – 30 m^3/h .

Exceptional cases: up to 50 m^3/h .

Bed Depth

Single layer filters: min. 1.200 mm.

Dual media filters: min. 400 mm.

Density

Bulk Density: 710-725 kg/m^3

Particle Density: $\pm 1400 \text{ kg}/\text{m}^3$ (at 20°C)

Analysis

Carbon over 90%

Sulphur 0,6%

Volatile matter 6,4%

Ash 2,4%

Water 1,2%

