

# KuarteX



KuarteX is a natural mineral mainly composed of silica, which is then washed, sieved, dried and bagged. It is neutral, slightly angular, and has a light grey / beige color.

KuarteX can be used as a highly efficient filter media for the reduction of suspended matter. Its fractured edges and irregular surface provide a high surface area and a complex flow path for the efficient removal of suspended matter throughout the filter bed.

## PHYSICAL PROPERTIES

- Color: light grey / beige
- Specific Gravity: 2.5-2.65 g/cc
- Bulk Density: 1.40 kg/L
- Size : 1.3-2.3 mm
- Hardness: 7 (Mohs scale)

## CONDITIONS FOR OPERATION

- Water pH range: 5.0-9.0
- Bed Depth: 24"-36"
- Freeboard: 40-50% of bed depth (min.)
- Service flow rate: 13-16 m/h
- Backwash flow rate: 30-40 m/h
- Backwash bed expansion: 30-40% of bed depth

## ADVANTAGES

- KuarteX is an all-natural, environmentally safe product
- It can be used in municipal, industrial, or residential applications
- Angular shape of the uncrushed filter sand promotes good flow and even distribution
- Reduces the load on downstream equipment
- Cost Effective



The filter medias listed in this brochure do not remove or kill bacteria. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.