



Natural stones for filtration

EFFICIENCY, DURABILITY, PERFORMANCE

TECHNICAL INFORMATION

- Grain size : 8 to 10 mesh
- Grain colour : Dark grey | Dark brown
- Grain shape : Semi-angular
- Density : 1470 kg/m³
- Filtration capacity : 15 microns



Recuperating residual materials and transforming them into reusable products: a winning combination for enterprises, markets and the environment.

ABOUT FILTRATION

Suspended particles affect water quality; our natural stones used for filtration has one of the most efficient and fastest filtering capacity. With its semiangular shape and its dimension that is greater than that of other filtration media, this natural stone is a highly effective medium for the capture of suspended particles.

This natural stone is chemically inert. It is a manufactured filtering medium which is produced by means of a granitic natural stone.

Our grains, which are carefully examined in our plant, are of high quality as a result of their uniformity. Their angular shape increases their performance when compared to the generally rounded shape of sand.

As well, because of their density our grains have a longer life expectancy.

ADVANTAGES

Tests performed according to the NSF-50 filtration standard have proven the superiority of this product relative to standard silica sand because of its capacity to reduce water muddiness (increase of water clarity) and its filtration capacity measured in microns.

Its higher pH increases the performance of chlorine and algaecides. As well, its capacity to release the dirt more rapidly during backwashing decreases the tenacity of the dirt in the water and water consumption.

The hardness of this granitic stone enhances its resistance to erosion. Furthermore, its non-porous nature prevents the formation of microscopic algae in the pores of the materials as it is often the case with other products. These two characteristics have a positive effect on the longevity of the product.

MORE ECOLOGICAL AND SAFE

Harsco Minerals' natural filtration stone (Sorelmix) is a completely inert product with no free silica, and it can be returned to nature at the end of its useful life. This 100% recycled product is delivered in ultra-durable, fully recyclable bags.

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