

TECHmix

DIVISION BAUVAL INC.



Natural stones for filtration

Technical Information

- Grain size 0,850 to 2,25 mm
- Grain color Dark grey/Dark Brown
- Grain shape Semi-angular
- Filtration capacity 15 microns

Distributors

- Tech-Mix, division BauVal inc.
- Available as well in most outlets specialized in the sale of pool products and equipments.

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



Technical services

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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 semi-angular 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.

More efficient

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.

Less expensive

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

More durable

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

The natural filtration stone of Harsco Minerals is in conformity with all the requirements of the standards pertaining to drinking water filtration, those of pool and spa manufacturers as well as those of filter manufacturers. This is an entirely inert product totally devoid of free silica which can be returned to nature at the end of its useful life. This 100% recycled product is delivered in highly resistant bags that are fully recyclable.