

SABBIA

Dried and graded river silica sand

Technical specifications

SABBIA is a natural river silica product, dried and carefully graded to ensure consistent grain size and high purity. It is suitable for grouting, plastering, preparing mortars for small construction works, sealing tile joints and flooring, minor masonry repairs, as an aggregate in mixtures with cementitious or lime-based binders, and for sandblasting surfaces. The product is free from organic substances and clay impurities.

Instructions for use

Mix **SABBIA** with a hydraulic binder (cement, lime or ready-mix) in proportions that vary according to the intended use. Add water until a plastic, workable consistency is obtained. Apply on clean surfaces free of dust or oils.

Application

Apply **SABBIA** as supplied, adding the necessary amount of water and hydraulic binder.

Consumption

The consumption of **SABBIA** varies depending on the method of use and the required application.

Warnings

Store the product in dry, indoor areas in its closed original packaging, protected from weather, frost, humidity, and atmospheric agents.

Clean tools with water before the product hardens.

Natural product, does not contain hazardous substances.

Use the product following good working practices, avoiding dispersion into the environment.

Wear appropriate protective equipment (gloves, safety goggles, etc.).

Do not release into the environment: follow local regulations for disposal.

Always perform a preliminary test before use.

Packaging

4-pack boxes 5Kg

CHEMICAL AND PHYSICAL PROPERTIES

Physical state	Solid
Form	Crystalline with sub-rounded grains
Color	Straw-grey, depending on origin, processing and grain size
Smell	Odorless
Melting Point	≈1300-1500°C
Boiling Point	≈2230°C
Bulk density	1,3-1,5 mg/m ³
Specific gravity	2,6-2,7 mg/m ³
Solubility	Negligible in water; high in hydrofluoric acid
SiO ₂ (%)	72-88%
Grain size	Particles with diameter <5µm in concentrations below 0,0025% (<25 ppm)

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