

MACRODUR NATIONAL SAND

Dried national sand

DESCRIPTION

- Macrodur Isoplam® sand is an Italian natural siliceous sand washed, dried, sifted and selected, with a controlled particle size between 0.4 and 1.5 mm and in a particle size curve. It is used:
- As a component in a particle metric curve in mixtures for the realisation of dust for industrial concrete floors;
- In construction areas as a component of mortars, plasters and screeds;
- As an abrasive for sandblasting;
- As a component for water filters and as a soil drainer.

TECHNICAL AND CHEMICAL DATA

Macrodur sand is CE marked in accordance with the UNI EN 12620 aggregates for concrete and UNI EN 13139 aggregates for mortar.

Appearance	Grey rounded granules
Bulk density	$\geq 1380 \text{ kg/m}^3$
Moisture content	$< 0.5\%$
Mohs hardness	6
pH	7–8

Composition	
Silicon dioxide (SiO_2)	75,80%
Iron oxide (Fe_2O_3)	1,73%
Aluminum oxide (Al_2O_3)	6,19%
Calcium oxide (CaO)	4,60%
Magnesium oxide (MgO)	2,18%
Sodium oxide (Na_2O)	2,00%
Potassium oxide (K_2O)	1,96%

PACKAGING, STORAGE AND SAFETY

Macrodur Isoplam® Sand is available in 30 kg nylon bags.
Store in a dry and ventilated place, away from direct sunlight.
Consult the safety data sheet before use.
Macrodur Sand is intended for professional use only.



Important

All the information contained in this card is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer declines all responsibility for the results of incorrect applications. It is advisable to always carry out tests on small surfaces before application. The data can be changed at any time. This card replaces and cancels the previous ones.

The product SABBIA MACRODUR is intended for professional use only. Anyone who uses this product without being authorised does so at their own risk. Isoplam Srl periodically organises courses for its customers who request them.