

SASSOITALIA®

Decorative washed stone, exposed aggregate concrete finish for hard landscaping.

DESCRIPTION

SASSOITALIA® represents the evolution of the classic exposed aggregate or washed stone finish. With a thickness of 2 to 4 cm it forms a refined and extremely durable surface, composed of a coloured cement matrix and selected marble aggregates. Extremely versatile, it is ideal for prestigious hard landscapes and can also be used in combination with natural stone inserts.

FEATURES

SASSOITALIA® is composed of a coloured, fibre-reinforced cementitious base (COLOR-MIX), crushed marble, local stone or rounded pebbles and cement 4.25. It is applied with a straight edge tool in a thickness of 2 to 4 cm on a concrete base. After casting, its surface is treated with a deactivating liquid that allows perfect cleaning and exposure of the aggregates. The COLOR-MIX additive allows working with only a few centimetres of material instead of a solid, full depth slab, at the same time guaranteeing the durability of the surface, cohesion of the aggregates and uniformity of colouring. Through careful selection of aggregates, colour of the matrix and the cement, it is possible to obtain innumerable colour combinations.

The system is suitable for areas subject to vehicular traffic and also has excellent slip-resistance characteristics.

FIELDS OF USE

Sassoitalia® is used to create hard landscapes on both renovation and new construction projects.

- Furnishing of courtyards and gardens
- Ramps
- Avenues, paths and pavements.
- Street furniture
- Refurbishing of historic buildings

PREPARATION OF THE SUBSTRATE

The surface to be treated must be free from oil stains, waxes, paints, resins and any other products that may hinder the penetration of the binder.

A base slab of at least 1.0 Mpa for pull-off strength is required.

The concrete substrate must be previously scarified or processed with TEXTURE-BROOM or similar during casting.



Before application, wash thoroughly with a high-power pressure washer.
Wet the surface to be treated with water

APPLICATION OF THE IDEALBINDER-MIX PRIMER

Mix IDEALBINDER thoroughly and mix with cold water in a proportion of 1:3.

Then add to the solution 2 parts by weight of cement to a part of liquid and then spread the mixture evenly with a broom

The substrate must contain the appropriate number of control joints which, in the subsequent casting, must be respected by laying SIJ PROFILES FOR SASSOITALIA.

Any cracks must be repaired with Epoxy-Coat.

APPLICATION

The base slab must be damp but free from pooled water. Place SIJ profiles or stone-kerbs that will also act as a guide for the levels and control the cast.

After thoroughly mixing with water for at least 3 minutes, spread the IDEALBINDER bonding primer using a hard bristle broom or a single brush in the measure of 2-3 kg / m² and immediately apply the SASSOITALIA® mix, fresh on fresh. If IDEAL-BOND dries too quickly, it will be necessary to apply another coat of product. Spread and smooth with a steel spatula then spray the entire surface with the most suitable BA-CC deactivator liquid based on the size of aggregate and exposure depth required.

When the paste develops a stiff consistency and, at the very latest the next morning, remove the surface grout and clean carefully with a single brush and pressurised water.

The Ideal Work range of water-based Disabling-Curing Compounds (anti-evaporation and rain protection), includes several versions that differ depending on use:

- BA-CC-GIA: suitable for aggregates of 12-16 mm grain size.
- BA-CC-GIA-11: suitable for aggregates of 8-12 mm grain size.

- DISAT-VERT: vertical deactivator for aggregates between 9-12 mm size

SURFACE PROTECTION

The Sassoitalia surface resists the effects of wear and weathering very well but can be further protected with the water-oil repellent impregnating agent PETROTEX-S.

In areas subject to the use of anti-ice salts, apply ACQUAPEL-S.

TECHNICAL INFORMATION

Please follow this link to see the product data sheet.

https://www.idealwork.it/wp-content/REPOSITORYFILE/TES/test_sassoitalia.pdf

MIXING AND CONSUMPTION

Idealbinder as adhesion primer has a consumption of approximately 0,15kg / m².

The consumption for the mix per sqm follows

- IDEALBINDER 0,15 kg/m²
- Water 0,45 kg/m²
- Cement 1,2 kg/m²

COLOR-MIX must be mixed directly in the cement mixer with cement 4.25 (white, grey or a mix of both) and aggregate.

The basic formulation is:

1 Part COLOR-MIX

2 Parts Cement 4.25 (white or grey)

5 Parts Aggregates

Indicative consumptions for a 1 cm thick paste, made using the basic formulation (aggregate 5/8 + 8/12 mm):

COLOR-MIX 2,5 Kg per m²

CEMENT 5,0 Kg per m²

AGGREGATES 12,50-13 Kg per m²

To obtain a better mix, add to the mixer in the following order: 50% of the aggregates with 50% of the total amount of water, the COLOR-MIX, the cement and then the remaining 50% of water and aggregates.

It is recommended to maintain a water / cement ratio not higher than 0.48, then add 22-24 Lt of water for every 50 kg of cement.

This formulation can be varied according to the granular nature of the aggregates, the required performance and construction site needs.

PACKAGING / STORAGE / DISPOSAL

- COLOUR-MIX is available in 25 kg bags in the following colours: Paglia, Terra Toscana, Sabbia, Cammello, Tortora, Grey, Antracite, Neutro
- IDEALBINDER is available in 10 kg and 25kg canisters.

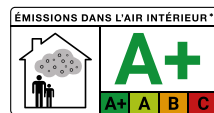
- BA-CC deactivators are available in 15kg drums.

PRECAUTIONS

Any shrinkage cracks that exist in the substrate inevitably tend to be transmitted to the SASSOITALIA® finishing layer.

To ensure correct installation, the maximum thickness of the aggregate must not exceed half the thickness of the covering.

The use of strongly differentiated aggregate sizes can lead to incorrect deactivation resulting in insufficient surface cohesion.



* EMISSIONS INTO THE INTERNAL ENVIRONMENT
Products classification according to the VOC emissions tests.

IMPORTANT:

The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is not used in accord with its instructions. The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is performed even partially in contrast with these guidelines or with products not covered by them.

The manufacturer also declines any responsibility for the aesthetic aspect of the flooring which depends on the installation methods, working times and climatic conditions of the site. The applicator must take these into account when scheduling and applying the materials supplied by the manufacturer.

The applicator notes that Ideal Work is in no way responsible for the suitability of the solution chosen in relation to:

A) Substrate suitability, climatic conditions or any other external parameter which may affect the performance of the Ideal Work products being used.

B) The stresses to which Ideal Work products may be put under operation.

It also notes that the indications provided by Ideal Work in its technical documentation are to be considered a necessary condition but do not in any way relieve the contractor of the responsibilities and technical evaluations of the applicator. The data can be changed at any time. Also note that the products are intended for professional use only.