

ADDIMIX COLOR

FIBRE-REINFORCED CONCENTRATE WITH
ADDITIVES FOR CREATING CONCRETE
FLOORING WITH A WASHED STONE EFFECT



DESCRIPTION

ADDIMIX COLOR is a concentrate designed for the production of colored concrete floors and/or floors with a washed stone surface finish. ADDIMIX COLOR is a ready-to-use product, pre-mixed with additives, pigments, shrinkage-reducing agents, and other components that stabilize the color and prevent the formation of whitish efflorescence.

FIELDS OF USE

ADDIMIX COLOR is used on floors subjected to high pedestrian and vehicular traffic. Due to its aesthetic and functional properties, it is widely used for driveways to private residences, squares, entrances to shopping centers, Walkways in holiday resorts, Pool edges, Ramps to garages or parking areas, etc.

PACKAGING

25 kg polyethylene-coated paper bags.

CONSUMPTION

Approximately 15 kg/m² per 1 cm of thickness.

MIXING RATIO

1 SACK OF 25 KG OF ADDIMIX COLOR
2 SACKS OF 25 KG OF CEMENT
5 SACKS OF 25 KG OF GRAVEL

FEATURES AND BENEFITS

ADDIMIX COLOR provides excellent mechanical and chemical resistance to the concrete mix, both in “fresh-on-fresh” applications and as a topping layer “fresh-on-hard,” bonded to the substrate with APSECOL BETON or APSECOL RESIN. In both applications, it increases the mechanical strength of the surface.

Furthermore, ADDIMIX COLOR makes floors:

- More resistant to abrasion.
- Increases the workability of the mixture.
- Maintains colour stability and uniformity.
- Increases resistance to exposure and freeze-thaw cycles.

Coated with Metalcrl 35, it improves colour brightness and resistance to atmospheric agents, freeze-thaw cycles, and de-icing salts.

CERTIFICATIONS

ISO 9001 certified quality management system (Certificate no. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



PRODUCT PREPARATION

To obtain a homogeneous, segregation-free mix, it is important to respect the water/cement ratio indicated in the “MIXING RATIO” section.

Place the following in a concrete mixer: 2 bags of 25 kg cement, 5 bags of 25 kg aggregate, and 1 bag of 25 kg ADDIMIX COLOR. Mix for a minimum of 3–4 minutes.

APPLICATION METHODS

“Fresh-on-Fresh” Paste Application

On the fresh, leveled, and smoothed concrete surface, once it reaches pedestrian hardness, proceed with finishing using a power trowel or, in the case of manual troweling, check proper compaction using the finger indentation test.

Spread the prepared mix over the surface at a rate of 20 kg/m² per cm of thickness. Level with an aluminum screed and trowel. Continue working until the desired smoothness is achieved.

It is essential to apply the product with a minimum thickness equal to twice the maximum aggregate size used.

“Fresh-on-Hard” Paste Application

The hardened concrete surface must be prepared by milling or other means to completely remove all loose or damaged parts.

Wash with high-pressure water or blow off dust with high pressure. The surface must be free of cracks, oil, grease, or other contaminants. The substrate must be very rough, and the concrete must have a compressive strength of at least Rck 20.0 MPa and a pull-off strength of at least 1.5 N/mm².

Apply APSECOL BETON or APSECOL RESIN to the surface (see technical datasheets).

Spread the prepared mix over the surface at a rate of 20 kg/m² per cm of thickness. Level with an aluminum screed and trowel. Continue working until the desired smoothness is achieved.

It is essential to apply the product with a minimum thickness of 20 mm.

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CURING

For optimal performance and to allow the hardening agent to confer the required properties to the floor, it is essential to protect the surface with APSERING AQ, applied uniformly with the appropriate spraying equipment.

It is also possible to protect the floor using standard construction site measures (polyethylene sheets, geotextiles), taking care not to wet the surface until 24–36 hours after finishing work.

CLEANING OF TOOLS

Clean with water while the product is still fresh.
Clean mechanically after hardening.

WARNINGS

Non utilizzare se il sacco è danneggiato.

Non aggiungere additivi se non previsti dal produttore.

Non aggiungere acqua quando il prodotto ha iniziato la presa.

HEALTH AND SAFETY WARNINGS

For information on safety regulations, hazard warnings, and safety advice, refer to the latest safety data sheet, which can be requested at:

ufficiotecnico@apsebg.it

STORAGE

Shelf life of 12 months if stored in the original packaging in a dry place free from moisture.

Store at temperatures between +5°C and +35°C.

DISPOSAL

Dispose of the contents and/or container in accordance with local regulations.

The above data are information obtained based on our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. - V&V Group. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes all previous ones, all under the continuous verification of data according to the new current Standards and our ISO 9001 management system. Please feel free to check the most up-to-date version of this Data Sheet on our website: www.apse.it

