

Quartz FC

Photocatalytic mixture for industrial and civil floors finish



Product

- Eliminates air pollution produced by automobiles, industries, or other activities.
- Prevents walls and floors from getting dirty.
- Prevents the growth of fungi and bacteria.
- Eliminates odors in the air.
- Improves people's quality of life.
- Contributes to the recovery and improvement of contaminated environments.

Photocatalysis

- It is a technology analogous to photovoltaic solar panels.
- It uses light energy to destroy pollutants produced by automobiles and industries, which affect people's health and pollute the environment.
- It does not require maintenance, and its effect is permanent.
- It is a clean technology.
- Not only does it not pollute, but it cleans the polluted air.
- It is the only environmental technology in which the first beneficiary is the user.
- Saves costs as the walls remain clean for many years.
- Destroys dirt and prevents the growth of microorganisms.

Technical characteristics

- Non inflammable dust
- Dry density 1.8 kgm/liter
- Expiration 6 months
- Store in dry and covered places
- Color depending on the order
- Packaged in 25 Kgm sacks
- Mixture with water duration (25°C 60%HR), 60 min
- Dosage 3-4 Kgm/m²
- Adherence to 28 days, 2.5 Mpa
- Application temperature between 5°C to 30°C

****Quartz FC. Mixture of photocatalytic additives, quartz, pigments and cement, with activity promoters in the UVA- Visible range, for high performances photocatalytic and mechanical concrete pavements confection.***

Applications

- Use for the realization of concrete pavements, indoor and outdoor, in areas with air pollution, or in buildings, industries or cities sensitive to people's health.
- Bicycle lanes, parking lots and streets, shopping centers, industrial buildings and factories, pedestrian areas and sidewalks, gardens and courtyards, schools and kindergartens, hospitals, public buildings.

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Application way

Quartz FC is used in dust, distributed over fresh concrete, in three layers, each one with 1/3 dosage.

As soon as the first layer is distributed and humidified over the concrete, the second layer is applied in a cross way to the first and afterwards the third one in a diagonal way, distributing and compacting them afterwards with mechanical media.

It is necessary to keep surface concrete humidity during a week to ensure the correct cured process, and before performing the joints cuts.



Presentation

Packaged in 25 Kg sacks

Colors

Depending on the order

Consumption

3-4 Kgm/m²

Conservation

In sealed original packaging, protected from weather and humidity: 6 months

⚠ IMPORTANT

All the information provided in our technical information is based on our experience, technical knowledge and practice in certain working and testing conditions. The customer must check consumptions and the adaptation of the products under his particular working conditions, performing his own tests. Active Walls can provide technical advice if required. We guarantee the quality of the products in case of manufacturing defects, excluding subsequent claims. Our warranty is limited to the value of the products purchased. This data sheet is valid until a new version is issued.