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TECHNICAL DATA SHEET

READY MIX OXIDE

PRODUCT

Ready-to-use product, made of micronized quartz bases with oxide powder, with excellent workability and hardness thanks to a combination of latest-generation resins developed exclusively for products manufactured by SATINE.

DESCRIPTION

Oxide metallic-effect coating that provides a beauty suited to modern aesthetic trends. Oxide color.

USES

- To renovate existing floors or replace carpets.
- Can be applied on both floors and walls, thanks to its high adhesion.
- Adheres to firm substrates with a good key.
- Can be applied both indoors and outdoors.

ADVANTAGES

- Good fluidity and workability.
- Minimum thickness per layer of 1 mm.
- Easy to clean, with a damp cloth and neutral detergent.
- Provides great hardness and resistance to the substrate.

FIELD OF APPLICATION

- Suitable for coating and decorating vertical and horizontal surfaces in commercial and residential spaces, such as shops, offices, restaurants, lobbies, showrooms, homes, theme parks, etc.
- Furniture, shelves, worktops.
- Ceramic coverings in bathrooms and kitchens.
- The system is suitable for underfloor heating, provided it has been installed with its approved protections and with appropriate self-leveling base mortars, so that cracking problems are not transferred to the outer layers and therefore to the system.

CHARACTERISTICS

Chemical

- Unaffected by marine atmospheres.
- Unaffected by acid rain (sulfurous vapors).
- Resistant to carbon pollution.
- Withstands diluted alkaline and acid solutions.

Physical

- Resistant to ultraviolet radiation.
- Density in paste form: 2.3 kg/l.
- Retains its properties at the extreme temperatures of our climates (-30 to +60 °C).
- Non-flammable in paste state. Simple flameless combustion in dry state at 250 °C.
- Once dry on the substrate and protected with Varnish, it is waterproof to washing and rain.
- Systematically seals pores and capillary microcracks.
- Absolutely odorless once polymerized.

CONSUMPTION

Approximate consumption:

300 g/m^2 per coat (depending on the substrate).

SPECIAL PRECAUTIONS

- **This product contains cement and metallic particles.** Avoid contact with eyes and skin, as well as inhalation of dust.
- Wear **rubber gloves and protective goggles**.
- Keep out of the reach of children.
- Do not apply the product at ambient temperatures **below 5 °C or above 30 °C**.
- Empty containers must be disposed of in accordance with current legislation.

PACKAGING

5 kg bucket

STORAGE

12 months from the date of manufacture, in original closed packaging, protected from the weather and humidity.

This information reflects the current state of our knowledge and provides information about our products and their possible applications. Its purpose is therefore not to guarantee specific properties of the products or their suitability for a particular application. Any existing industrial property rights must be respected. Quality control parameters will be detailed in the specification sheet of each product.

SATINESTONE - Carabona Industrial Estate - C/ Coure No. 16, 18 and 20 - 12530 Burriana - Castellón – SPAIN Tel. +34 692 100 100 / +34 969 100 100 Email: info@satine.es

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APPLICATION SYSTEM

Application equipment

The working containers used (buckets, mixing tubs, etc.) must be made of plastic.

Substrates

OXIDE EFFECT can be applied on a wide variety of surfaces with different characteristics:

- On the Base microcement, as a replacement for Fino microcement.
- Cement mortars.
- Smooth, stripped concrete surfaces, clean of release agents.
- Gypsum plaster (indoors only and on good-quality plaster, prepared with PRIMER CEMENT; see technical data sheet).
- Fiber-cement boards.
- Solid wood boards, chipboard and fiberboard.
- Metal panels.

When OXIDE EFFECT is to be applied on surfaces already treated with paint or varnish, they must be scraped to leave a solid, sound and absorbent base.

Surfaces must be brushed to remove any dust or impurities between the substrate and the OXIDE EFFECT.

APPLICATION

1st PRIMER CEMENT primer

Special for application on plaster (see technical data sheet). To reinforce the hardness of the substrate and regulate its absorption.

2nd OXIDE EFFECT

After the preparation described above, OXIDE EFFECT is applied like any coating in general; being a ready-to-use product, simply open the bucket and apply. The trowels used come in different shapes, according to the requirements of the job (stainless steel).

Once the first coat has been applied and has dried (± 24 h), sand with 400-grit sandpaper and apply the second coat. After another 24 h, sand with 1000-grit sandpaper using a non-eccentric sander, which gives a **spectacular shine**.

Work on a building always starts at the top. By contrast, the material is applied from the bottom upwards on the worker's working surface.

Working time is **30 minutes**, depending on wind, temperature and humidity. During this time, smooth the surface using the same trowel.

OXIDE EFFECT must not be applied at temperatures **below +5 °C or above 45 °C** in the shade, nor in rainy weather, nor in strong hot winds.

It can be left polished by sanding.

As final protection, apply **two coats of AQUA POOL**, which gives a natural effect. If installed on a floor and greater hardness is desired, apply VARNISH SOLVENT METALIC.

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