

OXYDA

Powder form waxed microcement

DESCRIPTION

OXYDA is a microcement based decorative plaster for interiors, for both flooring and walls. Applied OXYDA results in the world famous Beton Cirè waxed cement effect. It's strength and toughness make it the ideal product for the decoration of floors. In powder form, it is easily transportable and packaged in humidity proof buckets, nor does it tame heat. It is possible to colour OXYDA in several tones and shades, and can be applied in all set-ups. (See "APPLICATION") Just add water.

APPLICATION

- Mix FONDO OXYDA with 30-40% water until obtaining a well blended mix.
- Apply 1 coat of FONDO OXYDA evenly on the surface using a trowel and where necessary (surfaces greater than 2mq, corners, etc...) at the same time embed a fiberglass coating pressing the surface with a trowel.
- After this operation the fiberglass should be encapsulated in FONDO OXYDA. If needed apply a 2nd coat of FONDO OXYDA.
- Allow to dry well for 24-36 hours.
- OXYDA is diluted using water in the following manner: One 20Kg OXYDA bucket + 8 litres water. To obtain a well blended and uniform product without lumps, follow these instructions:
- Pour 6-7 litres of water in a bucket.
- Mix the chosen colour well in the water.
- Gradually add OXYDA (in powder) in the coloured water, mixing thoroughly by means of an electric mixer. Once blended, if needed, pour in the remaining water (1-2 litres) to obtain the desired consistency.
- Apply the first coat of OXYDA over the entire surface as for normal plasters, smoothing well the surface (as for a marmorino first coat).
- Leave to dry for 12-24 h depending on temperatures before applying the second coat.
 - For a slightly glossy effect, smooth OXYDA while the product is still wet, paying special attention to not leave imperfections.
 - If you wish to avoid the grey streaks left by the stainless steel trowel, use a plastic trowel instead
- Leave to dry for 3-5 days, and if applied on floors, do not step during this period.

APPLICATION OF THE PROTECTIVE COATING

- Before proceeding to the application of the protective coat, make sure to sand the surface with a fine glass paper, or with abrasive paper. This is necessary to remove or refine any micro-granules that naturally can occur on the surface. This step is also essential to encourage the absorption of the protective coat.
- Aspirate any dust that has formed after this operation.
- Apply one coat of protective, ready to use, SCUDDO 1 using a short hair roller and, at the same time, with a sponge, rub the product applied on the surface. This will favor the absorption of OXYDA. Alternatively it can be applied directly with a sponge, rubbing the product in a circular way on the surface so that the protective coating penetrates in all the pores of the surface.
- Allow to dry for 12-24 hours according to temperature.
- Proceed with the application of SCUDDO POLIURETANICO according to the desired effect: MATT, SATIN or HIGH-GLOSSY. (See technical data sheet for more details)
- Mix well the polyurethane compound that appears in BICOMPONENT format. Mix well using a mixer at a low speed
- The SCUDDO POLIURETANICO can be diluted with clean water at room temperature. In this case, dilute for the first coat from 10 to 20%. Mix well before use.
- Then apply with short hair roller (or brush) and spread well making sure to apply it evenly on the surface. To facilitate the preparation and uniform coverage of all the pores of the surface, apply the product to the surface by crossing it on each pass for several times. For example if you apply by roller, you can apply several vertical and horizontal rolls on the surface. This will favor the anchoring of the protective paint on OXYDA.
- Allow to dry 12-24 hours.
- Apply a diluted 2nd coat with 10% water. Apply in the opposite direction to the first hand.
- Allow to dry 48-72 hours according to the environmental temperature and humidity before using the surface.
- In very humid environments (like SHOWERS etc...) we recommend a third coat of SCUDDO POLIURETANICO.

WARNING: If over time, after finishing the work, some darker spots appear on the support, it means that the water is penetrating into some uncovered micropores. In this case, refine with glass-paper where the problem occurs, let it dry with the help of a electric drier and apply a further coat of SCUDO POLIURETANICO.

APPLICATION ON TILES OR MARBLE

- Even for tiles or marble you can proceed following the traditional application of the FONDO OXYDA as described below.
- If the surface is very shiny or smooth, we recommend refining the surface with a orbital flex. So to opacize and scratc the surface this would help the FONDO OXYDA anchorage.

WALL PROTECTION

- To protect OXYDA applied to other environments (not in showers or very humid environments) alternatively to the SCUDO POLIURETANICO, apply the CERA COLOSSEO:
- Apply with the stainless steel trowel and polish the surface with a cotton cloth to obtain a semi-glossy effect .
- To protect OXYDA in a more resistant way, apply the SCUDO POLIURETANICO, a bicomponent polyurethane compound, according to the desired effect (MATT, SATIN or HIGH-GLOSSY)
- Apply if desired, RUST PAINT or STRUCTURA HI-TECH METALLICO according to the effects shown on the color chart.

APPLICATION OF OXYDA IN SHOWERS (or in environments with continuous contact water):

- In this case, please CONTACT THE MANUFACTURER who will certify a specific cycle for the work.

APPLICATION OF OXYDA FOR SWIMMING POOLS

- For OXYDA application in the swimming pools, please CONTACT THE MANUFACTURER who will certify a specific cycle for the work.

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TECHNICAL DATA

| | |
|--------------------|--|
| Nature of the bond | Microcement, mineral powders and natural resins |
| Viscosity | |
| Drying Time | 6-12 h at touch, 36-48 h complete. |
| Thinning | 40% Water |
| Yield | 0,50-0,65m ² /Kg |
| Specific weight | 1,050Kg/Lt |
| Colors | Vedi cartella colori |
| Dry aspect | Smooth natural looking finish |
| Wet aspect | Powder |
| Storing | Max Temp. +40°C, Min T. +5°C |
| Stability | 0,5 years (in sealed, unopened original packing) |
| VOC | 10µGr/m ³ |
| TVOC | N/AµGr/m ³ |
| PH | 12-13°C |
| Cleaning | Water and Soap |
| Packing | 20KG |

CHARACTERISICS

| | |
|--------------------|---|
| Characterisics: | . |
| Can be applied on: | Walls,Floors,Kitchen tops and tables,Bathrooms. |
| for: | Interiors ed Exteriors. |
| Certifications: |  |

TOOLS AND RELATED PRODUCTS

| | |
|-------------------|--|
| Tools: | Stainless Steel Trowel 240x100cm,Plastic trowel. |
| Related products: | OXYDA,FONDO OXYDA,SCUDO 1,SCUDO POLIURETANICO. |

CAUTION:

- N.4 The raw materials used are natural and may have small differences depending on the batches used. It is therefore recommended to use the same batch of product for each single work to be performed. If this is not possible mix the batches between them.

NOTES

- Please note that due to technical reasons caused by the tinting of the product the indicated Specific Weight of the product may differ from the Package Net Weight.
- In the original, sealed containers and in appropriate temperature conditions . The period of stability is purely indicative, and refers to the minimum stability period of the product if stored ideal conditions according to the instructions provided. If properly stored the products stability period may extend several years.
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