

PERLACEO

PEARLESCENT INDOOR SILOXANE DECORATIVE FINISH

series 384

DESCRIPTION

PERLACEO is a decorative mural product for interior use based on modified siloxanic polymers and special additives which, applied on a surface previously painted with DECORFOND 3880019, enables unusual, refined chromatic effects to be achieved, highlighted by the reflections of light.

INSTRUCTIONS FOR USE

May be applied on surfaces previously painted with DECORFOND 3880019:

- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Gypsum and gypsumboard surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

TECHNICAL SPECIFICATIONS

- Type of Binder: Modified siloxanic copolymers.
- Specific gravity UNI EN ISO 2811-1: 1.1 ± 0.05 kg/l.
- Viscosity UNI 8902: $44,000 \pm 3200$ cps at 30 °C (Brookfield rotational viscometer).
- Drying times (at 25 °C and 65% relative humidity): touch dry in 1 hour, second coat applicable after 6 hours.

PREPARING THE SURFACE

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333. To protect the wall from mold formation, add COMBAT 444 code 4810444 sanitizer to the product.
- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.
- Remove any dust, smog or other deposits by brushing.

Plaster, gypsum and gypsumboard surfaces:

- Level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO 9400006/9410110. Use adequate sealants to seal any cracks.
- Sand putty and touch-ups with sandpaper; remove dust.
- Smooth the plaster, if necessary, with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.
- Bond with a coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. Generally, on highly chalking surfaces, in the presence of thin layers of old tempera or deteriorated

paints, apply one coat of ISOMARC 4410111 solvent-based fixative or ATOMO 8840001 micronized solvent-free fixative.

- Apply 2 coats of DECORFOND 3880019, see the relevant technical data sheet.
- Once the undercoat is completely dry (after at least 12 hours) apply PERLACEO

Concrete surfaces:

- Remove any crumbling structural cement.
- The metal reinforcement disks visible on the surface must be carefully brushed and treated with BETOXAN PRIMER 9490125 passivating agent.
- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/130; perform the final smoothing with BETOXAN 200 Non-shrinking anti-carbonation smoothing coat 9490120.
- Make sure that the support is completely dry and bond with a coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. Generally, on highly chalking surfaces, in the presence of thin layers of old tempera or deteriorated paints, apply one coat of ISOMARC 4410111 solvent-based fixative or ATOMO 8840001 micronized solvent-free fixative.
- Apply 2 coats of DECORFOND 3880019, see the relevant technical data sheet.
- Once the undercoat is completely dry (after at least 12 hours), apply PERLACEO

*(The dilution of the fixative and amounts to be applied depend on the absorption of the support surface, and must be determined through preliminary tests on the specific support surface - See the relevant technical data sheet).

APPLICATION INSTRUCTIONS

- PERLACEO must be applied over DECORFOND 3880019.
- Ambient and support surface conditions:
Ambient temperature: Min. +8 °C / Max. +35 °C
Relative environmental humidity: <75%
Temperature of the surface: Min. +5 °C / Max. +35 °C
Moisture level of the support surface: <10%
- Tools: brush, sponge, wad or cloth.
- Dilution: variable from 70% to 100%.
- Procedure: after having spread the product over the surface by brush, the final effect can be created:
 - by brush: work at the surface in an uneven manner to achieve a soft effect;
 - by sponge or wad: use a sponge or wad that have been lightly dipped in paint;
 - by cloth: use a cloth to remove excess paint from the surface; the movement of the cloth creates the decorative effect.
- The product must be worked upon before it begins to dry; in the case of large surfaces, avoid joints; always work wet on wet, with sufficient number of decorators to guarantee this condition.
- All tools should be cleaned using water immediately after use.

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- Indicative coverage: around 15-20 sq.m./l per coat, varying on the basis of the type of surface and process used. These figures are given for smooth surfaces of average absorption. It is recommended that a test be effected on the surface to determine effective coverage of the product.

TINTING

Colors are obtainable via the Marcromie color matching system and using COLORADO series 548 colorants. When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

STORAGE

Maximum temperature for storage: +30 °C.
Minimum temperature for storage: +5 °C.
The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

SAFETY RULES

Limit value EU (Dir. 2004/42/EC)
Cat . L: Decorative effect coatings (water-base): 300 g/l (2007) / 200 g/l (2010)
PERLACEO Contains max: 100 g/l VOC

The product does not require labelling in accordance with 67/548/EEC and 1999/45/EC and subsequent changes and amendments. Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Store out of the reach of children. Use in a well ventilated place. In case of contact with eyes, wash immediately with abundant running water. In caso of ingestion, see a physician immediately and show him or her the container or label. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety sheet.

SPECIFICATION ITEM

Siloxanic coating with pearly effect for interior walls. Application, on previously prepared surfaces, of the siloxanic polymer water-base PERLACEO, series 384, paint, coloured as desired, to achieve special chromatic effects.
Supply and application of the material € per sq.m.

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