

WASSERPLAST

GLOSS TEXTURED-FINISH PLASTIC WALL COATING FOR EXTERIOR-INTERIOR USE

series 412

DESCRIPTION

WASSERPLAST is a plastic wall coating for creating gloss textured finishes.

The product enables a thick coating to be created, capable of protecting the surface and - thanks to its acrylic binder - also capable of resisting against the alkaline aggressiveness characteristic of cement-based surfaces. WASSERPLAST can be used wherever the surface requires good filling and hiding power, particularly for applications of a subsidence and socle nature or wherever resistance against frequent cleaning is required, both indoors and out.

INSTRUCTIONS FOR USE

May be applied on:

- 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: acrylic copolymer in water-based emulsion
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1: 1.28±0.05 kg/l.
- Viscosity per UNI 8902: 120000 ± 10000 cps at 30° C (Brookfield rotational viscometer).
- Drying (at 25°C and 65% R.H.): touch dry after 1 to 4 hours (depending on the thickness applied); complete after 24 hours.

PREPARING THE SURFACE

- Make sure the substrate is very dry and matured. If necessary, reconstruct or strengthen with specific products.
- If there is mould, treat the surface with the COMBAT 222 detergent, code 4810222, and with the COMBAT 333 sanitizing preservative, code 4810333. In order to protect the wall from the formation of mould, add sanitizing agent COMBAT 111, code 4810111 to the product for exterior applications or COMBAT 444, code 4810444, for interior applications.
- Remove any efflorescences and scaling of old paints by

brushing or washing. Completely eliminate any thick layers of lime paints or tempera.

- Remove deposits of dust, smog or other material by brushing.

Plaster, gypsum and plasterboard surfaces:

- Indoors, level substrate unevenness and treat holes, cracking, cracks and depressions with TAMSTUCCO 9400006/9410110; rub the fillings and patches with sand paper.
- Seal the cracks with appropriate sealers.
- If necessary, make fillings on the plaster with RASAMIX 9440160, BETOMARC 9450150 or with RASOMARC 9500150 depending on the type of substrate.
- Apply on a clean and dry surface:
Indoors, a coat of IDROFIS 4700006 acrylic water-based wall fixative. On plasterboard, apply the specific PREPARA 4710019 pigmented sealer.
Outdoors, or indoors if there are thin coats of old temperas or chalking paints, a coat of ISOMARC 4410111 solvent-based sealer wall fixative or ATOMO 8840001 solvent-free micronized fixative.
- Then apply WASSERPLAST.

Concrete surfaces:

- Remove the structural parts of cement that do not adhere well.
- The metal reinforcing rods that surface are to be thoroughly brushed and treated with BETOXAN PRIMER 9490125 passivating grout.
- Restore the missing parts with the filler BETOXAN 400 or BETOXAN 300 fibre-reinforced thixotropic anti-shrinkage mortar 9490140/0130; perform final filling with BETOXAN 200 anti-carbonation anti-shrinkage filler 9490120.
- Apply on a clean and dry surface:
Indoors, a coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 solvent-free micronized fixative.
Outdoors, or indoors if there are thin coats of old temperas or chalking paints, a coat of ISOMARC 4410111 solvent-based sealer wall fixative or ATOMO 8840001 solvent-free micronized fixative.
- Then apply WASSERPLAST.

*(The thinning of the sealer and the amount to be applied depend on the absorption of the substrate, and are determined by performing preliminary tests on the specific substrate. Consult the relative specification sheet).

APPLICATION INSTRUCTIONS

- Air and support surface conditions:
Air temperature: Min. +8 °C / Max. +35 °C
Relative environmental humidity: <75%
Support surface temperature: Min. +5 °C / Max. +35 °C

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Moisture level of the support surface: <10%

- Avoid applying when surface condensation is present, or in direct sunlight.
- To avoid compromising the optimal appearance and performance of the product, we recommend that it be applied only in the aforementioned climate conditions, and that the surfaces be protected from rain and damp for approximately 48 hours. This will allow the product to dry completely and ensure even polymerization, which takes place in approximately 10 days.
- Surfaces bathed by rainwater during the approximately 10 days, could show translucent vertical lines. Such an occurrence does not compromise the product's performance, and may be removed by high-pressure water cleansing or after subsequent rainfalls.
- Application on surfaces with salt efflorescence or subject to rising damp may interfere with the product's adherence to the support. It is therefore necessary to first reconstruct the masonry using dehumidifying plasters, then paint with the NEPTUNUS siloxanic system.
- Tools: brush, roller.
- Nr coats: 1.
- Application: apply the product by brush or wool roller and work it, while wet, using the foamed plastic roller in order to obtain the textured finish.
- Thinning: ready to be used or thinned at max. 10% in order to obtain a rounded textured finish.
- Tools should be cleaned immediately after use using water.
- Indicative spreading rate: 0.6-0.8 kg/sq m, variable depending on the thickness applied, the type of surface and the desired textured finish. It is advisable to determine the actual spreading rate by carrying out a preliminary test on the specific surface.

TINTING

Colors are obtainable via the Marcomie 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.

For outdoor tasks it is a good rule of thumb to always use material from the same batch, from corner to corner. For tasks where it is unavoidable to continue on a wall with a different batch, do not place the batches contiguously. For the transition point, use any interruptions in the continuity of the surface: moldings, corners, cables, etc.

STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

Stability in the original closed containers stored at suitable temperatures: 2 years.

SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. B: Glossy coatings for interior walls and ceilings (gloss >25@60°) (water-base): 150 g/l (2007) / 100 g/l (2010)

Cat. C: Coatings for exterior walls of mineral substrate (water-base): 75 g/l (2007) / 40 g/l (2010)

WASSERPLAST Contains max: 30 g/l VOC

The product does not require labelling in accordance with 67/548/EEC and 1999/45/EC and its subsequent changes and updates. 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 data sheet.

SPECIFICATION ITEM

Application, on preprepared surfaces, of WASSERPLAST Gloss textured-finish plastic wall coating for exterior-interior use series 412 with water-based acrylic copolymer base - for a minimum consumption of 0.6 kg/sq m.

Supply and application of the material €.....sq m.

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