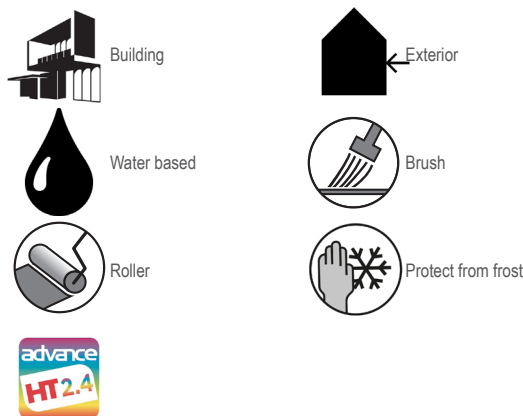


0536 GOLD QUARZ

HIGHLY WASHABLE QUARTZ-BASED ACRYLIC WALL PAINT FOR EXTERIOR USE, WITH FILM PROTECTED AGAINST THE GROWTH OF A WIDE RANGE OF ALGAE AND MOULD



Description and Use

GOLD QUARZ is a quartz-based emulsion paint offering excellent adhesion and high resistance to alkali and weather conditions, and thus ensuring long lasting protection of the underlying surface.

The product features ease of application, high hiding power and a strong white colour; with film protected against the growth of a wide range of algae and mould.

The presence of quartz grants a matt and uniform finish, while allowing to easily fill up surface defects and cover any unevenness.

GOLD QUARZ is suitable to be applied on plasters, new or painted, made up of lime and on any cement-based plaster in general, where there are not visible cracks.

The product can be coloured using ADVANCE HT tinting system.

Substrate preparation

MASONRY SURFACES:

The substrate must be cured, not chalking and clean (without grease, oil or other polluting agents).

For degraded surfaces, remove all traces of old peeling paint and any efflorescence.

In case of mould or algae growth, carry out a treatment with DECISO code 0610.

On plaster or render, level off any imperfections with a suitable smoothing compound and leave the treated parts to cure.

On new, powdery or highly absorbing plaster, on fillings or old flaking paints apply one layer of masonry fixative solvent-based CLIM-O-PAINT PRO code 1004, otherwise the water-reducible type SUPERFIX code 0010, in order to make uniform the substrate absorption.

CONCRETE SURFACES:

The concrete must be sound, fully set and dry.

Clean off any dismantling oil residue, flaking material and dirt; in case of mould or algae growth, carry out a treatment with the specific products DECISO code 0610.

Remove all loose parts until you get to the rods.

Buff thoroughly or sand the reinforcing bars to bare metal; get rid of rust and dust.

Treat the rods with a passivating grout; spread a fiber-reinforced mortar suitable for high thickness restoring, and next even out with a suitable levelling compound; allow any patching to rest before treating with the fixative-insulating agent.

On new, powdery or highly absorbing plaster, on fillings or old flaking paints apply one layer of masonry fixative in order to make uniform the substrate absorption.

Make sure the surface is dried, then continue applying two coats of GOLD QUARZ.

Application

Application method:

- brush
- roller

Product preparation:

Mix to achieve even colour and consistency.

Dilution:

by weight : 15-20% water for the first coat, 10-15% for the second one.

by volume : 25-30% water for the first coat, 20-25% for the second one. When using Base ED, dilution should be reduced by 50%.

Recoating:

wait 5-6 hours between the two coats.

Storage life

PROTECT FROM FROST. Store the packaged product at a temperature between +5°C and +35°C.

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 24 months. Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

Color	white
Binder	acrylic dispersion
Appearance of the dry film	matt
Maximum grading	0.1 mm
Specific weight	1.57 kg/l (± 0.03)
Viscosity	18003 - 23000 mPa.s Brookfield
Resistance to washing	excellent (UNI 10795) > 15000 Gardner cycles (UNI 10560)
Liquid water permeability	class III (low), $W < 0,1 \text{ kg(m}^2 \cdot \text{h}^{0,5})$ EN 1062-3
Water vapour transmission rate	class I (high), $< 0.14 \text{ Sd(m)}$ UNI EN ISO 7783-2
Air drying (20°C - 65% RH)	1 hour, dry to touch
Practical cover rate *	4-5 m ² /l per two layers
EU limit value of VOC content (Directive 2004/42/EC)	Cat. A/c, WB: max VOC 40 g/l product VOC < 40 g/l
AFNOR NF T 36-005 classification	Family I - Category 7b2
* The yield may vary according to the roughness and absorption of the substrate and in relation to the application system used.	
The data are measured at a temperature of 20°C.	

Warnings

- Product recommended for expert users.
- Always read the safety datasheet before use.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- During use, ventilate the room well and use water to clean tools.
- The recipient/product must be disposed of in accordance with national laws.
- Acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the natural raw materials available on the market and the tinting of the product can lead to slight deviations in the declared values, in the colour and in the aesthetic effects obtained. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different lots of the same material are used in the same job/site.

Do not apply in foggy or rainy weather, or with a RH greater than 75%.

Exterior applications need to be protected from rain for at least 48 hours, and in any case until complete drying.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.technica@impa.it.