

OLIMPIC OPACO

0825.

Low-VOC odourless matt masonry enamel

12/12/18 rev.01



Description and use

OLIMPIC OPACO is a finishing based on acrylic resins in aqueous dispersion for interior use. Odourless, formaldehyde-free and with low VOC content, is recommended for painting halls, waiting rooms, schools, hospitals, staircases, hotels and public premises in general. It features high covering properties, good flow and offers an excellent resistance to stains and dust; the dry film withstands frequent washing with water and most common detergents. Special additives provide it with an effective sanitising action, protecting the film from mould and algae growth. Suitable for painting environments where food is present, according to UNI 11021:2002 standard concerning the HACCP methodology. Suitable to be applied on civilian dwelling plaster, gypsum, plasterboard and concrete.

Technical data

Colour	: white
Dry film appearance	: matt (UNI 10795)
Specific gravity	: 1.44 kg/l (± 0.05)
Viscosity	: 5000 ÷ 6500 mPa.s Brookfield
Classification UNI EN 13300:2002	: Wet-scrub resistance: Class 1 (ISO 11998:2006)
	: Covering properties: Class 2 at a spreading rate of 5 m ² /l (ISO 6504-3:2007)
	: Specular gloss: 85°, deep matt <5 (ISO 2813)

HACCP

Disposal of Odor	: ≤ 1 (UNI 11021:2002 - Appendix A)
Dirt pick	: ΔL ≤ 0,2 (UNI 10792)
Resistance to special washing agents	: Passes (UNI EN ISO 2812-1:2007)
Wash resistance	: >20000 Gardner cycles (UNI 10560)
Mould resistance	: ≤ 1 (UNI 11021:2002 Annex C)

Indoor Air Quality	: Class A+ (UNI EN ISO 16000-9:2006)
Practical cover rage*	: 4 ÷ 5 m ² /l per two layers.
Storage life	: 24 months in original sealed container.

* The cover rate is calculated on the suggested thickness and on flat and regular surfaces

NB: Data recorded @ 20°C (68°F).

The product is compliant with Directive **2004/42/CE-IIA(i)** ≤140 g/l (2010); max content: 1g/l.

Application note

Substrate preparation	: The underlying surface must be seasoned, non-chalking and clean (no grease, oil or other polluting agents). Wherever there are damaged surfaces, remove any efflorescence and non-adhering old paints. In case of mould or algae growth, carry out a treatment with DECISO code 0610, wash the wall and, when it is completely dry, apply RENOVO code 0600.
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On plaster, level any unevenness with a suitable levelling compound, and allow the treated areas to rest. Indoors, fill and rub down holes, cracks and crackles with IMPASTUK UNIVERSAL EXTRA code 0401 or IMPASTUK POLVERE EXTRA code 0418.

On new, powdery or highly absorbing plaster, on fillings or old flaking paints apply one layer of masonry fixative to make uniform the substrate absorption. Our suitable products are POLY ACRYL code 0004, otherwise SUPERFIX code 0010 or GREY FIX code 0011, properly reduced.

Once dried, continue applying two coats of OLIMPIC OPACO.

- Product preparation : Mix to achieve even colour and consistency.
Dilution with water as below specified.
- Application method : - brush - roller - air mix spray gun - airless spraying
- Dilution by weight : 5 ÷ 10% with water
Dilution by volume : 10 ÷ 15% with water
If you use BASE ED, the dilution should be reduced by 50%.
- Recommended thickness : 70 ÷ 80 μm dry film ~ 180 ÷ 200 μm wet film, with two layers.
- Air drying (20°C - 65% RH) : Touch dry : 1 ÷ 2 hours
Dry through : 24 hours
- Recoatable : wait 3 ÷ 4 hours between the two coats.

NOTE: Do not apply in foggy or rainy weather, or when the relative humidity exceeds 75%.

Air and surface temperature must be above + 5°C (41°F) and below 35°C (95°F).

Exterior applications need to be protected from rain for at least 24 hours, and in any case until complete drying.

BEWARE OF FROST. Store the product between + 5°C (41°F) and 35°C (95°F).

Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.