

0825 OLIMPIC OPACO

LOW-VOC ODOURLESS MATT MASONRY ENAMEL



Building



Internal



Roller



Airless



Water based



Brush



Spray



Protect from frost

Advantages

- Matt appearance
- Without added formaldehyde
- Very low VOC content

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 dried film is resistant to frequent washing with water and the most common detergents.

Special additives give the film broad-spectrum protection against the growth of algae and mould species.

Suitable for painting environments where food is prepared or consumed in accordance with standard UNI 11021:2002, referring to HACCP procedures.

It can be applied on float-finished plaster, gypsum plaster, plasterboard and concrete.

The product can be coloured using ADVANCE HT tinting system.

Substrate preparation

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, level any unevenness with a suitable skim coat and allow the treated areas to cure.

On new, dusty or highly absorbent plaster, on fillers or old peeling paint, to ensure uniform absorption of the substrate, apply a layer of insulating primer such as POLY ACRYL P/N 0004, SUPERFIX P/N 0010 or GREY FIX P/N 0011, suitably diluted.

Fill and level any holes, cracks or fissures with IMPASTUK UNIVERSAL EXTRA item code 0401, then apply the primer.

Once dried, continue applying two coats of OLIMPIC OPACO.

Application

Application method:

- brush
- roller
- spray
- airless

Product preparation:

Mix to achieve even colour and consistency.

Dilution:

5-10% with water, by weight

10-15% with water, by volume

When using Base ED, dilution should be reduced by 50%.

Recoating:

Wait 3-4 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 batch number shown on the packaging. The batch number is made 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 the current legislation.

Technical features

Colour	white
Specific weight	1.44 kg/l ($\pm$ 0.05)
Viscosity	5000 - 6500 mPa.s Brookfield
Recommended thicknesses	70 - 80 μ m dry equal to 180 - 200 μ m wet for application in two coats
Practical cover rate *	4 - 5 m ² /l with two layers on rough substrates
	9 - 10 m ² /l with two layers on smooth substrates
Air drying (20°C - 65% RH)	1-2 hours, touch dry
	24 hours, through drying
Product emissions rating in accordance with French Republic decree of 19 April 2011	Class A+ in the white version
EU limit values for VOC content (Directive 2004/42/EC)	Cat. A/i, WB: VOC max 140 g/l product VOC < 5 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	

Classification EN 13300

Wet-scrub resistance (ISO 11998)	Class 1
Hiding power (ISO 6504-3:2007)	Class 2 with a yield of 5 m ² /l
Specular gloss (ISO 2813)	85°, very matt <5 GU

HACCP

Odour release (UNI 11021:2002 - Annex A)	≤ 1
Dirt pick-up (UNI 10792)	$\Delta L \leq 0.2$
Resistance to specific washing agents (EN ISO 2812-1:2007)	Pass
Washing resistance (UNI 10560)	> 20,000 Gardner cycles
Mould resistance (UNI 11021:2002 Annex C)	≤ 1

Warnings

- Product recommended for expert users.
- Always read the safety datasheet before use.
- Tool wash water and any product residues must not be released into the environment or discharged into the domestic sewage system. The recipient/product/wash water must be disposed of in accordance with national laws.
- Wear protective gloves and garments, and in the event of contact with the skin wash with plenty of water and soap.
- During use, ventilate the room well and use water to clean tools.
- Do not apply with an RH above 75%.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- If the product is colored and used to cover BARRIER 87-1151, scrupulously follow the color formula entered into the tinting system.
- It is recommended to 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 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 batch numbers of the same material are used in the same work/site.
- Incorrect dilution of the material will affect product workability and cause a decline in its technical characteristics.
- The wet scrub resistance test, as reported in the technical data, does not take into consideration any alterations in appearance, such as the formation of stains or glossier areas, and does not measure the ease of dirt removal, i.e. the paint's washability. As a consequence, this product does not resist surface abrasive stress without causing alterations in appearance.
- The level of gloss obtained depends on the conditions and the nature of the substrate, as well as the tool used for application.

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.