

0645 VORTEX OPACO

MATT WATER-REDUCIBLE ALKYD ENAMEL



Building



Internal



Brush



Spray



Water based



Roller



Protect from frost

Advantages

- Appearance satin
- High hiding power
- No Blocking

Description and Use

VORTEX OPACO is a water-thinnable enamel, based on alkyd resins. Easy to apply, fast drying, excellent flow and high hiding power. The dried film is weather-resistant and features high elasticity without blocking phenomena. It can be applied both indoors and outdoors, on different supports properly prepared. The product can be coloured using ADVANCE HT tinting system.

Substrate preparation

Water-based products wettability is lower than similar solvent-based products. Thorough cleaning of the substrate is a precondition for the positive outcome of the painting.

IRON SURFACES:

Take off any trace of rust, iron scale, grease and moisture; remove non-adhering existing paints by sanding. Apply water-reducible antirust paint KORINTHOS PRIMER code 0717, or OXITE code 1010 or PRIMING COAT code 1243.

WOODEN SURFACES:

Sand and prepare the substrate by applying water-based WOOD PRIMER P/N 0641, or solvent based FONDOPAC EXTRA P/N 1002.

GALVANIZED STEEL, ALUMINIUM, PVC:

Apply KORINTHOS PRIMER code 0717 or PRIMING COAT code 1243.

After drying proceed with the application of 2 coats of VORTEX OPACO.

Application

Application method:

- brush
- short-napped or microfiber roller
- spray

Product preparation:

Mix to achieve even colour and consistency.

Dilution:

for brush or roller applications: 5-10% water by weight/volume

for spray gun applications: 10-15% water by weight/volume

Recoating:

Wait 4-5 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 12 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 and colours card
Appearance of the dry film	matt (UNI 10795) 15-20 gloss (Gardner 60°)
Specific weight	white: 1.29 kg/l (± 0.02)
Viscosity	3000 - 4000 mPa.s Brookfield
Recommended thicknesses	50-60 µm dry film applying two coats
Practical cover rate *	6-7 m ² /l per two layers
Air drying (20°C - 65% RH)	20 minutes, dust free
	8 hours, touch dry
	24-36 ore, through drying
Product emissions rating in accordance with French Republic decree of 19 April 2011	Class A+ in the white version
AFNOR NF T 36-005 classification	Family I - Category 4
* 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.
- The recipient/product 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 in foggy or rainy weather, or with a RH greater than 75%.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- Outdoor applications must be protected from rain for at least 24 hours, and in any case until completely dried.
- 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.

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.