

Product type

Washable, opaque acrylic enamel paint, resistant for inside and outside Class A +
Smaltocryl is a wall enamel based on modified acrylic resins in aqueous solution, low environmental impact, safe and resistant, available in matt, semi-gloss and glossy versions. For his specific formulation it has high characteristics of: very high coverage, excellent dilatation and brushability, excellent coverage, low dirt absorption, excellent resistance to yellowing, scratching, abrasion and a high aesthetic effect, resistant to alkali (ammonia and sodium solutions), alcohol (diluted) and chemical detergents, easy to clean, smacchiabile, on dark or saturated colors avoids the blackboard effect (signs or superficial impressions).

Suitable for walls of very busy environments and exposed to deterioration or wear and tear schools, hospitals, hotels, bars, restaurants, banks, offices, waiting rooms etc.

Smaltocryl is a high quality technological product subjected to all the tests indicated by the UNI 11021: 2002 "Products and systems for painting environments with the presence of foods." the particular formulation makes the product compliant with the HACCP protocol n.323744.

Smaltocryl is a certified Class A + * product, free from formaldehyde and other harmful substances for health, because it adopts the highest European standards in the regulation of the level of emission of volatile organic compounds (Uni En Iso 16000-9: 2006).

Fields of Application

Wall surfaces with plaster, plaster, concrete, plasterboard, is ideal for public spaces and private such as schools, hospitals, offices, work environments, hotels, bars, restaurants, banks, halls waiting, corridors, kitchens with intense activities, living rooms and children's rooms, environments in general particularly subject to heavy wear.

Technical characteristics

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|-----------------------|---|
| Appearance | Gloss, satin and matt. |
| Colour | White and colours shown on coatings chart |
| Density Kg/Lt | 1,400 ± 0,050 Matt 1,320 ± 0,050 Semi-gloss 1,250 ± 0,050 Gloss |
| Viscosity 25°C | 7000 ± 4000 CPS |
| Dry residue in weight | 42 ± 2% |
| Theoretical coverage | 16 – 18 sq.m /lt in one coat |
| Dilution | Water in volume |

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|------------------------|--------|--------------------------------|
| Method of application: | Trowel | Dilution in volume 10 – 15 % |
| | Ruller | Dilution in volume 10 – 20 % |
| | Spray | Dilution in volume 10 – 20 % |
| | | Nozzle diameter 1,3 – 1,7 mm |
| | | Outlet pressure 3 –5 Pa (atm.) |

Classification EN 13330

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| Wet abrasion Din 53778 | > 30000 |
| Washing resistance ISO 11998 (200 cycles) | Class 1 |
| ISO 6504-3 Opaque Power | Class 1 at a coverage of 15 sqm / lt |
| EN ISO 2813 brilliance | Glossy > 60 Semi-gloss > 10 Opaque < 10 |
| Drying 25°C | Do not touch 1 – 2 hours Dry to touch 3 - 4 hours Dry in Depth 18 - 24 hours |
| Coverage minimum/maximum | 12 hours / no limit |
| Storage stability | 24 months |
| Standard packages | Lt 0,750 - Lt 4 – Lt 12 |

Note

Smaltocryl must be applied with a minimum temperature of not less than + 5 ° and with maximum temperature not higher than + 40 °. Do not apply on walls in direct contact with the spokes solar. Store the undiluted product in fresh places.

Rules of Application

Preparation of surfaces

Make check carefully the surface to be covered, Remove loose, friable and non-stick parts, clean and brush surfaces thoroughly, make sure they are solid, clean and dry, in case of new construction, respect the seasoning times of the support. Supports presenting irregularities, excessively rough jets, holes, cracks, etc. they must be repaired and / or shaved, with the use of Atriamural or mortar to close the cracks etc.

On all new or already painted interior or exterior surfaces that present mold formations apply a coat of Kemuffa with a brush, allow the product to react at least 3-4 hours and then proceed with preparation and painting.

New walls

Brush and dust carefully. Eliminate all traces of dirt and debris non-adherent plaster, eventually shave the parts and the surface with smooth finishing putty or with our product, Atriamural. Make sure the grout is dry, sand and remove dust.

Apply a coat of fixative insulator to our diluted Isoacryl product as per board reference based on the degree of absorption.

Apply at least two coats of Smaltocryl (Opaque, Gloss or Semi-gloss) respecting the time of overlap.

Painted walls

Make sure that the old paint is well adherent to the support, fill and shave the parts if necessary with smooth finishing putty like our Atriamural or suitable smoothing product.

Make sure that the grout is dry, sand and de-dust.

Apply a coat of fixative insulator to our diluted Isoacryl product as per board reference based on the degree of absorption.

Apply at least two coats of Smaltocryl (Opaque, Gloss or Semi-gloss) respecting the time of overlap.

Recommended primers Isoacryl, Isolmur, Murofix, Antifumo.

Test anti-spot, performed after 10 days of polymerization at 25 ° C in the three versions Glossy / Semi-gloss / Opaque to eliminate stains effectively, it is necessary to respect the times indicated below.

The use of soft sponges and water mixed with neutral detergent is recommended.

Avoid using rags or abrasive cloths and detergents containing alcohol or solvents of any kind.

| Contact substance | Removal after 5 minutes | Removal after 1 hour | Removal after 24 hour |
|--------------------|--|----------------------|-----------------------|
| Coca cola Drink | Removed | Removed | Removed |
| Fruit juice | Removed | Removed | Removed |
| Tomato Sauce | Removed | Removed | Slightly Visible |
| Ketchup | Removed | Removed | Slightly Visible |
| Soy Sauce | Removed | Removed | Removed |
| Children's Markers | Removed | Removed | Removed |
| Red wine | Removed (on glossy) Slightly Visible (on semi-gloss and opaque) | Slightly Visible | Visible |
| Coffee | Slightly Visible | Slightly Visible | Visible |




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