

# UNIMARC SMALTO MURALE LUCIDO

LOW V.O.C. WATER SOLUBLE ODORLESS GLOSSY FINISH SUITABLE FOR LARGE AREAS PUBLIC SPACES AND SETTINGS IN THE FOOD INDUSTRY

series 336

## DESCRIPTION

UNIMARC SMALTO MURALE LUCIDO is a water-based wall enamel for interiors and exteriors based on acrylic resins. Odorless, free of formaldehyde and low-VOC, specific for the treatment of large surfaces with a high sanitary standard such as hospitals, schools, kindergartens, medical laboratories, settings in the food industry, and in residential areas.

UNIMARC SMALTO MURALE LUCIDO is formulated to provide:

- low dirt retention
- high coverage and whiteness,
- good breathability
- excellent resistance to washing, cleaning and disinfection.
- quickness in drying with reduced overcoating time
- it complies with the requirements of Reg. EC 852/2004 on the hygiene of foodstuffs

## INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Gypsum and gypsumboard surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.
- Ideal for giving interior plastic wall coverings a glossy finish.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

UNIMARC SMALTO MURALE LUCIDO is not suitable for painting tanks or containers for liquid food substances (water, beer, wine, etc ...).

## TECHNICAL SPECIFICATIONS

-Type of Binder: Acrylic copolymer in aqueous dispersion

- Classification per UNI EN 13300:  
.Wet-scrub resistance per ISO 11998: class 1  
.Gloss per EN ISO 2813: >60, glossy  
.Hiding power per ISO 6504-3: class 2 on 7 mq/l spreading rate

Other characteristics

- Specific gravity UNI EN ISO 2811-1: 1.25±0.05 kg/l
- Viscosity per UNI 8902: 4500 ± 500 cps at 25°C (Brookfield rotational viscometer)
- Wet scrub resistance per UNI 10560: excellent, 10.000 cycles
- Drying time (at 25°C and 65% R.H.): to touch in 30 minutes; to recoat after 2 hours.

HACCP conform to the requirements of Reg. EC 852/2004

\*Test report N.3001F2015 Studio ASA - Treviso, according to Standard UNI 11021: 2002

\*- Dirt retention UNI 10792: ΔL=0.4 very low

- \*- Coverage UNI ISO 6504-1: 99.8%
- \*- Transfer of smell UNI 11021:2002-Append. A: 1
- \*- Resistance to washing UNI 10560: >5000 cycles, excellent
- \*- Resistance to particular washing agents UNI EN ISO 2812-1: no alteration

- a Ratio of Test No. 3005F2015 Studio ASA - Treviso:  
.Resolution of volatile organic compounds (VOC) ISO 11890-2:2013: <0.01 g/l  
.Resolution of free Formaldehyde EPA 8315A:1996: <1 mg/kg

## PREPARING THE SURFACE

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333. To protect the wall from mold formation, add COMBAT 111 code 4810111 sanitizer to the product for outdoor applications, or COMBAT 444 code 4810444 for indoor applications.
- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.
- Remove any dust, smog or other deposits by brushing.

Plaster, gypsum and gypsumboard surfaces:

- Indoors, level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO 9400006/9410110; sand putty and touch-ups with sandpaper.
- Use adequate sealants to seal any cracks.
- Smooth if necessary with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.
- On a clean, dry surface apply:  
Indoors, one coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. On plasterboard, apply the specific fixative PREPARA 4710019 pigmented fixative.  
Outdoors, or indoors in the presence of thin layers of old tempera or chalking paints, one coat of solvent-based wall fixative ISOMARC 4410111 or ATOMO 8840001 micronized solvent-free fixative.
- In order to achieve smooth surfaces on porous, uneven walls, it is recommended that 2 coats of universal primer UNIMARC FONDO UNIVERSALE series 335 be applied before painting with UNIMARC SMALTO MURALE.
- Apply UNIMARC SMALTO MURALE LUCIDO.

Concrete surfaces:

- Remove any crumbling structural cement.
- The metal reinforcement disks visible on the surface must be carefully brushed and treated with BETOXAN PRIMER 9490125 passivating agent.
- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/0130; perform the final smoothing with BETOXAN 200 Non-shrinking

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anti-carbonation smoothing coat 9490120.

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- Apply UNIMARC SMALTO MURALE LUCIDO.

\*(The dilution of the fixative and amounts to be applied depend on the absorption of the support surface, and must be determined through preliminary tests on the specific support surface - See the relevant technical data sheet).

## APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C

Relative environmental humidity: <75%

Support surface temperature: Min. +5 °C / Max. +35 °C

Moisture level of the support surface: <10%

- Tools: brush, roller, spray gun, airless

- N coats: at least 2 coats

- Dilution: first coat 10% with water; 0-5% for the subsequent coats.

- In the applications by airless spraying the dilution (0-10%) varies depending on the unit and the operating pressure used.

- In order to enhance UNIMARC SMALTO MURALE LUCIDO's properties to the full, the surfaces must be prepared so that they are perfectly flat and smooth.

- Tools should be cleaned immediately after use using water.

- Indicative spreading rate: 9-10 sq m/l per coat based on smooth surfaces featuring average absorption. It is advisable to determine the actual spreading rate by carrying out a preliminary test on the specific surface.

## TINTING

The product may be tinted by means of the Color Matching System. The product may also be tinted using COLORADO series 548 colorants. When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/b: Glossy coatings for interior walls and ceilings (gloss>25@60°) (water-base): 100 g/l (2010)

Cat. A/c: Coatings for exterior walls of mineral substrate (water-base): 40 g/l (2010)

UNIMARC SMALTO MURALE LUCIDO Contains max: 1 g/l VOC

Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Store out of the reach of children. In case of ingestion, see a physician immediately and show him or her the container or label. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety data sheet.

## SPECIFICATION ITEM

Water soluble glossy wall enamel for large surfaces.

Applications, on already prepared surfaces, of water soluble odorless wall enamel UNIMARC SMALTO MURALE LUCIDO series 336, based on acrylic resins in water dispersion with at least 2 coats of a quantity determined by the absorption of the substrate.

Supply and application of the material € ..... per sqm.

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