

**SAN MARCO**

is a brand of  
San Marco Group Spa

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# Hidromarc

Breathable, high-coverage, drip-proof water-based paint for interiors



SERIES 486

HIDROMARC - V.2024-09-24

## DESCRIPTION

HIDROMARC is an emulsion paint featuring breathability and high hiding power, with a water-based vinyl resin base, for painting interior masonry, with excellent hiding power, a high level of breathability and good dilatation. Its special formulation makes HIDROMARC easy to apply, partly due to its non-drip power.

## 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.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.  
Do not apply on freshly painted surfaces.

## TECHNICAL SPECIFICATIONS

- Nature of the binder: water-based vinyl resins
- Specific gravity per UNI EN ISO 2811-1:  $1.74 \pm 0.05$  kg/l
- Gloss per EN ISO 2813: 5-10, matt
- Classification of reaction to fire EN13501-1: Class A2 s1 d0

Referred to a consumption not exceeding that indicated, and to an application on a non-combustible surface.

- Drying time (at 25 C and 65% R.H.): to touch in 30 min.; to recoat after 4 hours.

## PREPARING THE SURFACE

Plaster, gypsum and gypsumboard surfaces:

- 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 444 code 4810444 sanitizer to the product.
  - 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.
  - 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 one coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. On gypsumboard, apply the specific fixative PREPARA 4710019 pigmented fixative. In the presence of thin layers of old tempera or chalking paints, apply one coat of solvent-based wall fixative ISOMARC 4410111 or ATOMO 8840001 micronized solvent-free fixative.
  - Apply HIDROMARC.
- \*(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 or airless.
- N. of coats: 2 coats.
- Diluting: with water. First coat at 50-60%; second coat at 30-40%.
- When airless spraying thinning varies depending on the unit and operating pressure used.
- Tools should be cleaned immediately after use using water.
- Indicative spreading rate: 8-10 sqm/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/a: Matt coatings for interior walls and ceilings (gloss ≤ 25@60°) (water-

base): 30 g/l (2010)

The product contains max: 30 g/l VOC

Use the product according to current standards of hygiene and safety after use, do not litter containers, allow the residue to dry and treat them as special waste. Do not empty into drains, water courses or onto the ground. For more information see the safety data sheet.

## SPECIFICATION ITEM

Applications, on preprepared surfaces, of HIDROMARC Emulsion paint featuring breathability for interior use code 4860019 - with a water-based vinyl resin base - with at least 2 coats, of a quantity determined by the absorption of the surface

Supply and application of the material €. .... per sq m.