

SAN MARCO

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Arum

ZERO-VOC HYPOALLERGENIC BREATHABLE WATER-BASED PAINT FOR INTERIORS



SERIES 407

ARUM - V.2025-01-31

DESCRIPTION

It realizes finishes with matt outward, with particular porosity that ensures an excellent water vapor permeability and a low dirt retention. ARUM has a low content of volatile compounds and is free of formaldehyde and plasticizers added, resulting specific for painting indoors.

Its formulation gives it particular features such as ease of application, excellent coverage and a high whiteness.

The high opacity makes it suitable for application on surfaces with different absorption.

ARUM, differently from traditional paints based on aqueous dispersion, does not require long aeration before re-inhabiting the environment.

The product complies with the Indoor Air Comfort Gold specification of Eurofins.

Redcert² Certificate: fossil resource saving product by using renewable raw materials in the value chain.

TECHNICAL SPECIFICATIONS

-Type of Binder: modified synthetic polymers in aqueous dispersion

-Indoor Air Quality classification: A+

-Indoor Air Comfort Gold certification (Eurofins IACG-442-01-01)

-Classification UNI EN 13300:

.Wet-scrub resistance per ISO 11998: class 4

.Gloss per EN ISO 2813: <5, very opaque

.Coverage per ISO 6504-3: class 2 in a yield of 7 m²/l

Other features:

-Specific gravity UNI EN ISO 2811-1: 1.60 ± 0.05 kg / l

-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 (at 25 ° C and 65% RH): to touch in 30 'min.; Recoatable after 3 hours.

- Dermatological tested*:
- .hypoallergenic (report n. 272/13/00)
- .non skin irritation (report n. 271/13/00)
- *test carried out on white sample by Institute of Skin and Product Evaluation ISPE
- Milano

INSTRUCTIONS FOR USE

- Applicable to:
- New and old plasters based on hydraulic binders.
 - Concrete surfaces.
 - Surfaces plaster and plasterboard.
 - Old paints and coatings that are organic or mineral, dry, compact, absorbent and cohesive.
 - Conglomerates of various mineral nature provided to be absorbent.
- Surfaces should be adequately prepared by following the procedures in the paragraph 'PREPARING THE SURFACE'.
Do not apply on freshly painted and slightly alkaline surfaces, allow adequate time to maturity, usually four weeks.

SUBSTRATE PREPARATION

- 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. if necessary, 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 FIT 9670160 or with BETOMARC FIT 9740150 or MARCOPRO 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.
 - Proceed with applying the finishing product.

*(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

- Environmental and Support conditions:
Air temperature: Min +8 ° C / +35 ° C
Relative humidity: <75%
Surface Temperature: Min +5 ° C / +35 ° C
Moisture: <10%
- Tools: brush, roller, spray or airless gun.
- Number of coats: 2 coats.
- Dilution with water:

- .With brush at 40-45%
- .With roller at 20-25%
- .In airless applications the thinning varies depending on the equipment and the operating pressure used.
 - Tools should be cleaned with water immediately after their use.
 - Indicative spreading rate: 8-10 sqm / l per coat and refers to application on smooth surfaces with medium absorption. It is advisable to determine the actual yield with 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.

SECURITY PROCEDURES

Limit value EU (Dir. 2004/42/EC)
Cat. A/a: Matt coatings for interior walls and ceilings (gloss \leq 25@60°) (water-base): 30 g/l (2010)
The product contains max: 0.5 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

Breathable water-based paint for indoor with low emission of volatile compounds
Applications, on previously prepared surfaces of water-based paint for interior ARUM s. 407 based on synthetic polymers dispersed in water and mineral fillers having low emission of volatile compounds with at least 2 coats, in quantities determined by the surface.
Supply and installation of the material € per square meter.