

# 0219 AFFRESCONITE PRO

TRANSPIRING WALL PAINT FOR INTERIOR USE, HIGH HIDING POWER, WITH FILM PROTECTED



## Advantages

- High covering properties
- Wet-scrub resistance class 3

## Description and Use

AFFRESCONITE PRO is a water-based paint for interiors with high hiding power made from polymers in aqueous emulsion. It offers a pleasant matt finish with a film protected against the growth of a wide range of mould and ensures a good breathability of the walls. It is suitable for environments with high humidity such as bathrooms, kitchens, etc.

It can be used on any properly prepared lime or lime-cement-based wall substrate finished with civil, fine mortar, gypsum, plasterboard and so on.

The product can be coloured using ADVANCE HT tinting system.

## Substrate preparation

The substrate must be cured, not chalking and clean (without grease, oil or other polluting agents).

For degraded surfaces, remove all traces of old peeling paint and any efflorescence.

When there are stains, dirt and molds, perform a treatment with DECISO code 0610.

On plaster, level any unevenness with a suitable levelling compound, and allow the treated areas to rest; fill and rub down holes, cracks and crackles with IMPASTUK UNIVERSAL EXTRA code 0401.

On new, dusty or highly absorbent plaster, on render or old peeling paint, apply a layer of insulating primer to ensure uniform substrate absorption. Our suitable products are POLY ACRYL code 0004, otherwise SUPERFIX code 0010 or GREY FIX code 0011, properly diluted.

Once dried, continue applying two coats of AFFRESCONITE PRO.

## Application

### Application method:

- brush
- roller
- airless spraying: we recommend the use of piston or diaphragm pumps with high pressure electric or gasoline engines (200-250 bar). Choose nozzle and spraying angle depending on the structures to be treated: the angle should not be lower than 17 (0.017 inches = 0.43 mm) and not higher than 23 (0.023 inches = 0.58 mm) and the nozzle must be self-cleaning. The spraying angle of the nozzle is very important in order to optimize the spraying.
- The dilution of the product will depend on the parameters of use chosen.

### Product preparation:

Mix to achieve even colour and consistency.

### Dilution:

30-40% water for the first and second coat.

### Recoating:

Wait at least 6 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 lot shown on the packaging. The lot number comprises 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 current legislation.

## Technical features

Color	white
Specific weight	1.58 kg/l (± 0.02)
Resistance to fungal growth	Pass (UNI EN 15457)
Product emission rating in the white version	Class A (in accordance with French Republic decree of 19 April 2011)
Practical cover rate *	5-6 m <sup>2</sup> /l per two coats
EU limit value of VOC content (Directive 2004/42/EC)	Cat. A/a, WB: Max VOC 30 g/l product VOC < 30 g/l
* 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.	
Classification EN 13300	
Wet-scrub resistance	Class 3 (ISO 11998)
Hiding power	Class 2 at a spreading rate of 5.5 m <sup>2</sup> /l (ISO 6504-3:2007)
Specular gloss	85°, very matt <5 (ISO 2813)

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## Warnings

- Product recommended for expert users.
- Dispose of contents / container in accordance with national regulations.
- Always read the safety datasheet before use.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- Incorrect dilution of the material will affect product workability and cause a decline in its technical characteristics.
- The wet scrub resistance test, as reported in the technical data, does not take into consideration any alterations in appearance, such as the formation of stains or glossier areas, and does not measure the ease of dirt removal, i.e. the paint's washability. As a consequence, AFFRESCONITE PRO does not resist surface abrasive stress without causing alterations in appearance.
- The level of gloss obtained depends on the conditions and the nature of the substrate, the colour of the product and the tool used for application.
- 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.
- 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.

**Do not apply when the relative humidity exceeds 75%.**

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.tecnica@impa.it](mailto:assistenza.tecnica@impa.it).