0315 AIRCLASS 4

BREATHABLE WATER-BASED WALL PAINT WITH REMARKABLE COVERAGE AND WHITENESS

Water based

Internal

Brush

Roller

Spray

Airless

Advantages

→ Non-drip
→ Very matt appearance
→ For large areas
→ Sicly appearance
→ The product complies with CAM 2025 requirements for indoor use

Description and Use

AIRCLASS 4 is a highly breathable wall paint with strong hiding power and high whiteness.
Easy-to-apply acrylic copolymer-based product, suitable for rooms requiring good breathability such as kitchens and bathrooms.
Characterised by a very matt appearance.
It can be applied to different types of substrate such as gypsum, plasterboard, premixed and old paint.
The product can be applied on restorative and dehumidifying plasters.
The product also complies with the award requirements according to the Ministerial Decree of 24 November 2025 (CAM 2025 Edilizia): low VOC and ISO 14001 certified company.

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.
If mould or algae are present, treat the substrate 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. Use water-dilutable products POLY ACRYL cod. 0004, or SUPERFIX cod. 0010 or GREY FIX cod. 0011, suitably diluted.
After drying, continue with the application of two coats of AIRCLASS 4.

Application

Application method:
- brush
- roller
- spray
- airless

Product preparation:
Mix until colour and consistency are uniform

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Dilution:
by weight : 30-35 % of water for the first coat, 20-30% for the second coat.
by volume: 40-45% water for the first layer, 30-40% for the second
Recoating:
wait 5-6 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 18 months. Check the product's shelf life by referring to the production lot shown on the packaging. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made 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

Colour	white
Specific weight	1.68 kg/l (± 0,02)
Viscosity	70000-80000 mPa.s Brookfield
Practical cover rate *	4-5 m²/l per two layers
EU limit value for VOC content (Directive 2004/42/EC)	Cat. A/a, BA: VOC maximum 30 g/l VOC product < 30 g/l
Water vapour permeability (EN ISO 7783)	Class I
* Yield may vary depending on the roughness and absorption of the substrate and on the application system adopted.	
The data are measured at a temperature of 20°C.	

Classification EN 13300	
Hiding power	Class 1 with a yield of 4.5 m²/l (ISO 6504-3)
Specular gloss	85°, very matt <5 (ISO 2813)
Resistance to wet brushing	Class 4, < 70µ after 40 brushing clicks (ISO 11998)

Warnings

- Product recommended for expert users.
- Always refer to the safety data sheet for the relevant products.
- Tool wash water and any product residues must not be released into the environment or discharged into the domestic sewage system. The container/product/wash water must be disposed of in accordance with national laws.
- Surface and ambient temperature must be above + 5 (41°F) and below 35°C (95°F).
- Use all the material necessary for the work from the same batch.
- During use, ventilate the room well and use water to clean tools.
- 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 can lead to slight deviations in the declared values. 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.
- **NOTE: Do not apply in foggy or rainy weather, or 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.

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