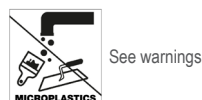
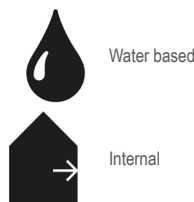


## 0340 IG-45 PRO

TRANSPIRING WALL PAINT FOR INTERIOR USE WITH FILM PROTECTED



### Advantages

- Good transpirability.
- High coverage

### Description and Use

IG-45 PRO is a breathable water-based paint featuring excellent hiding power, good brushability and expandability, with a pleasant final matt appearance.

Special additives also help give the film broad-spectrum protection against the growth of mould species.

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.

### 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.

In case of mould or algae growth, carry out 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, powdery or highly absorbing plaster, on fillings or old flaking paints apply one layer of masonry fixative in order to make uniform the substrate absorption. Our suitable products are POLY ACRYL code 0004, otherwise SUPERFIX code 0010, or GREY FIX cod. 0011 properly reduced.

After drying continue with the application of two layers of IG-45 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:

35-40% water for the first and second layer.

### Recoating:

Wait 6 hours between 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 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 the current legislation.

## Technical features

Colour	white
Specific weight	1.64 kg/l (± 0.02)
Resistance to fungal growth	Pass (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 5 (ISO 11998)
Hiding power	Class 2 at a spreading rate of 5 m <sup>2</sup> /l (ISO 6504-3)
Specular gloss	< 10 GU a 85°, matt (EN ISO 2813)

---

## Warnings

- The product contains synthetic polymer microparticles (SPM).
- **INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT**
- **In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.**
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, solvents or thinners used for cleaning tools, as well as any product residues, **MUST NOT** be released into the environment or poured down domestic drains.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.
- Product recommended for expert users.
- Read the safety datasheet before use.
- Tool wash water and any product residues must not be released into the environment or discharged into the domestic sewage system. The recipient/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).
- Acquire all the material required to finish the work of the same batch.
- 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 specifications, 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, IG-45 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.
- 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 natural 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 lots of the same material are used in the same job/site.

**Do not apply with an RH above 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.technica@impa.it](mailto:assistenza.technica@impa.it).