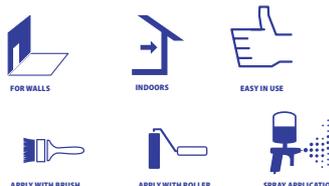




## ATLAS optiFARBA white latex interior paint

- very good coating
- high yield
- resistant to washing
- matt, snow-white



### Use

Painting walls and ceilings indoors – decorative or protective.

**Types of painted substrates** – cement or cement-lime plasters, thin-coat mineral renders, gypsum plasters and top finishes, polymer top finishes, plasterboards, wallpapers, rough walls of concrete, bricks, blocks.

### Properties

**Latex paint** – forms coating highly resistant to repeated washing – much more durable than standard emulsion interior paints.

**Vapour – permeable**,  $S_d < 0.03 \text{ m}$  – ensures water vapour permeability.

**Snow-white after drying.**

**Paint coating keeps elastic.**

**Very good coating.**

**Ecological** – slender (close to zero) content of volatile organic compounds – VOC  $\leq 1.1 \text{ g/l}$  – level 30 times lower than the permissible one, which makes the paint friendly and safe both for painters and room users.

**Perfect for hydrodynamic spraying.**

### Technical data

ATLAS optiFARBA paint is manufactured on the basis of acrylic binder with addition of high quality fillers and chemical agents. ATLAS optiFARBA interior paint: maximum content of VOC in the product 1.1 g/l, allowable VOC content: 30 g/l.

Density	approx. 1.45 kg/dm <sup>3</sup>
Viscosity	6,000-9,000cP Brookfield viscometer
Paint preparation, substrate, and ambient temperature during work and paint drying	from +5 °C to +25 °C
$S_d$ value	< 0.03 m (for double painting) according to PN-EN ISO 7783:2012
Quality coating	III (PN-89/C-81536)
Scrub resistance (after 28 days)	Class 3 (PN-EN 13300:2002)
Coat appearance	White, matt
Drying time until grade 3 (temp. 23 °C $\pm$ 2 °C, air relative humidity 55 $\pm$ 5%)	2h PN-C-81519:1979
Next coat application	after min. 2 h*

\* Depending on thermal and humidity conditions in a room.

### Technical requirements

The product has been given the Hygiene Certificate by the National Institute of Hygiene and the Radiation Hygiene Certificate. The product has been given the Recommendation of Polish Society of Allergology.

## Painting

### Substrate preparation

The substrate should be air-dry, free from cracks and layers which would impair the paint bonding, in particular dust, dirt, wax and grease. Thoroughly remove any old adhesion paints and other coatings of poor bonding to the substrate. Clean old emulsion paint coatings with water with addition of detergents and leave to dry. Minor defects (e.g. cracks or gaps) should be repaired and floated. ATLAS GIPS RAPID recommended for substrate surface repairs. Places infected with mould should be cleaned and protected with ATLAS MYKOS agent. Prime substrates of high absorptivity and absorbability or dusty ones with one of two priming emulsions (in each case the primer after drying should form matt surface):

- ATLAS UNI-GRUNT diluted with water in weight ratio 1:3 (emulsion : water),
- ATLAS OPTI-GRUNT.

On non-absorptive substrates, e.g. plasterboards or surfaces coated with emulsion paints, one can apply ATLAS BASE COAT PAINT without priming with priming emulsions. Prior to wallpapers painting one should check the quality of bond between the paper and the substrate. Painting poorly bonded wallpapers can cause formation of blisters. Plasters can be painted after full drying, not earlier than:

- cement and cement-lime plasters - after 3-4 weeks,
- gypsum plasters - after 2 weeks.

### Paint preparation

The paint is delivered ready to use. It must not be mixed with other materials. Before use, mix well with low speed mixer with drill for paints in order to unify the consistency.

### Paint dilution

For the first paint coating, so-called pre-coat, paint can be diluted with water in ratio: max. 0.5 l of water with 10 l of paint. Keep the same dilution ratio over the whole painted surface. Use undiluted paint for final painting.

### Painting

Apply the paint upon prepared and stable substrate with thin and uniform coat. Paint can be applied with a roller, a brush or sprayed. It is recommended to use rollers made of microphase or polyacryl of 11 mm fiber length. Painting the ceilings should commence from the by-window zone and continued inwards. The paint should be applied at least two times. The first coat can be applied with ATLAS BASE COAT PAINT as well. The second coat may be applied when the previous coat fully dries (after min. 2 hours, depending on substrate, air temperature and relative humidity). Keep the same application direction for a particular coat. Technological breaks should be planned in advance, e.g. in the corners, etc. Apply the paint continuously and avoid breaks in application.

Data for spray application with aggregate GRACO CED  
StMax II 595

Nozzle	Filter	Pressure	Material preparation
PAA517	60 mesh	200 bar	undiluted
PAA521	60 mesh	200 bar	undiluted
PAA521	60 mesh	200 bar	diluted with 5% of water

## Coverage

Coverage: up to 14 m<sup>2</sup>/ 1 l of paint with single painting of smooth surfaces. Actual coverage depends on the substrate absorptiveness.

## Important additional information

- Use paint of the same production date on an individual surface.
- Air the room during painting and directly after until characteristic smell disappears.
- Painting surfaces differing in structure may cause difference in the paint shade.
- The tools must be cleaned with clean water directly after use, before the paint dries.
- Keep out of reach of children. Follow the instructions of the Safety Data Sheet. Unconditionally use respiratory, eyes and hands protective equipment when spraying.
- Transport and store the product in tightly sealed buckets, in dry conditions and positive temperatures (preferably on pallets). Protect against overheating. Shelf life in conditions as specified is 24 months from the production date shown on the packaging.

## Packaging

Plastic buckets: 5 l, 10 l

Pallet: 440 l in 10 l buckets, 400 l in 5 l buckets

*The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.*

*At the time of publication of this product data sheet all previous ones become void. Date of update: 2015-07-13*