



## MIKROS 001

### DATA SHEET

Wall primer in water microemulsion with high penetration



Interior/Exterior



Plastic containers



Roller



Brush

### Composition

MIKROS 001 is a transparent and odourless water-dilutable primer with extremely low VOC emissions, made from special acrylic copolymers in water microemulsion. The specific formulation does not include organic solvents or plasticisers.

### Supply

- Buckets of approx. 12 l and 4 l

### Use

MIKROS 001 is used as a primer for interior and exterior walls, before applying finish coat products from the GREEN VOCATION, SFIDE D'ARTE, ACRILICA and ACRIL-SILOSSANICA lines. The ultra-fine polymeric particles ensure excellent penetration and impregnation of the substrate. MIKROS 001 reduces substrate absorption and makes absorption more uniform, simplifying application and improving colour uniformity in the subsequent finish coats.

### Substrate preparation

For new walls, before applying the MIKROS 001 primer, wait at least 28 days after completion of the surface. Any traces of oils, fats, waxes, etc. must be removed beforehand. The substrate must be solid, dry, free of dust, dirt, etc. If covering old paint that is peeling off or applied in thick coats, remove the crumbling and loose parts by scraping/brushing.

### Application

Apply MIKROS 001 by brush or roller, making sure it covers the surface uniformly, and avoiding dripping. Number of coats: 1-2, applied when still wet. Dilution by weight in water: from 50% to 100% on absorbent substrates such as gypsum and plasterboard; from 100% to 200% on lime and lime/cement plasters; from 200% to 300% on concrete. The dilution of MIKROS 001 will vary depending on substrate type and absorption; it is always recommended to test application on the specific substrate before starting. Wait at least 4 hours before applying the finish coats.



## Warnings

- Product recommended for expert users.
- Always consult the safety data sheet before use.
- During use, ventilate the room well and use water to clean tools.
- Wear protective gloves and garments, and in the event of contact with the skin wash with plenty of water and soap.
- The recipient/product must be disposed of in accordance with national laws.
- Use all the material necessary for the work from the same batch.
- Avoid application at temperatures below +5°C or above +30°C and with a relative humidity higher than 75%.
- Avoid application on surfaces in full sunlight or with strong winds.
- Only apply MIKROS 001 on cured and dry substrates.
- Makes sure that the substrate being treated is solid; otherwise repair it using specific products.
- Avoid application in the presence of rising damp.
- Make sure that after drying, the treated surface is not glossy, so as to ensure maximum adhesion of subsequent finish coats.
- Incorrect dilution of the material will affect product workability and cause a decline in its technical characteristics.
- 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 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 lots of the same material are used in the same job/site (this is however not recommended as per point 6 of these warnings).

**MIKROS 001 must only be used in its original state without the addition of other materials, except for dilution with water.**

## Storage

Protect from frost. Store at temperatures above +5°C and below +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. Once the product has expired, it must be disposed of in accordance with the current legislation.

## Quality

MIKROS 001 undergoes accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and controlled.

## Technical Data

Specific weight (EN ISO 2811-1)	approx. 1.00 kg/l
Consumption (**)	0.07-0.125 l/m <sup>2</sup> depending on the substrate absorption
Yield (**)	8-14 m <sup>2</sup> /l depending on the substrate absorption
(**) this should be verified by preliminary tests on the specific substrate.	
Italian CAM Building Decree of 23 June 2022, published in the Italian Official Journal on 06/08/2022	Complies with the criteria:
	2.5.1 - Emissions in closed spaces (indoor pollution)
	2.5.13 paragraph b - Paints and varnishes
	3.2.8 - Indoor emissions
EU limit value of VOC content (Directive 2004/42/EC)	Category A/h, WB: VOC maximum 30 g/l product VOC < 1 g/l
Product emissions rating in accordance with French Republic decree of 19 April 2011	Class A+

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.technica@fassabortolo.com, ES: asistencia.technica@fassabortolo.com, PT: assistencia.technica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.