

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 12 l and 4 l. Depending on the country of destination, some sales formats may not be available
- Colour: transparent

Use

MIKROS 001 is used as a primer for interior and exterior masonry surfaces, before applying the finishing products of SUPER LOW VOC, SFIDE D'ARTE lines, Acrylics and Acrylic-siloxane. 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, greases, 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 wet-on-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 read the safety data sheet before use.
- Wear protective gloves and clothing, 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.
- You must not release the water used to wash the tools and any product residues into the environment or into domestic drains. The container/product/wash water must be disposed of in accordance with national laws.
- Ensure all material for the job is taken from the same batch.
- Avoid application at temperatures below +5°C or above +30°C and with a relative humidity exceeding 75%
- Avoid applying on surfaces exposed to direct sunlight or strong winds.
- Only apply MIKROS 001 on cured and dry substrates.
- Make sure that the substrate being treated is solid; otherwise repair it using specific products.
- Make sure that after drying, the treated surface is not glossy, so as to ensure maximum adhesion of subsequent finish coats.
- Mix the product until it is completely uniform before diluting and applying it.
- Incorrect dilution of the material will affect product workability and cause a decline in its technical characteristics.
- Additional note regarding the product packaged in recycled plastic packaging, easily recognisable by the grey colour. The variability of the raw materials making up this type of packaging may mean that the mechanical strength and colour of the packaging is inconsistent. Therefore, pay the utmost care when transporting and handling the product. Store protected from frost and direct sunlight, at a temperature between +5 °C and +35 °C.
- 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 project/site (this is however not recommended as per point 6 of these warnings).

MIKROS 001 must only be used as supplied, without the addition of other materials, except for dilution with water.

Storage

Protect from frost. Store at temperatures between +5 °C and +35 °C. If stored in a cool, dry place, away from sources of heat and sheltered from direct sunlight, in its sealed original packaging, the material has a shelf life of 12 months from the date of production stated on the label. Once the shelf life has expired, it must be disposed of in accordance with 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 ² depending on the substrate absorption
Yield (**)	8-14 m ² /l depending on the substrate absorption
(**) this should be verified by preliminary tests on the specific substrate.	
Italian CAM Building Decree of 24 November 2025, published in the Italian Official Journal on 03/12/2025	Complies with the criteria:
	2.4.1 - Indoor emissions (indoor pollution)
	2.4.15 - Paints and varnishes
	3.2.2 - Environmental certification of production plants for building products
EU limit value of VOC content (Directive 2004/42/EC)	3.2.6 - Indoor emissions (indoor pollution)
	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 verify 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.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: asistencia.tecnica@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.