

FX 526

DATA SHEET

Universal pigmented primer undercoat



Interior/Exterior



Plastic containers



Roller



Brush



Composition

FX 526 is a pigmented undercoat made from special copolymers in aqueous emulsion, graded aggregate, titanium dioxide, pigments and specific additives to improve adhesion and application and give the product higher broad-spectrum protection against the growth of algae and mould species.

Supply

- Buckets of approx. 5 and 14 l
- Tints: a selection from our 365 A YEAR OF COLORS swatchbook

Use

FX 526 is used in interiors and exteriors as a filling primer-undercoat that, thanks to its hiding power and levelling properties, creates a coloured, uniform surface. It is used on lime and lime-cement finish coat and skim coat plasters and renders before applying water-based coatings, such as RTA 549, RSR 421, RX 561, FASSIL R 336, and water-based paints. The fine aggregate used improves anchoring of the finish both on external thermal insulation composite systems and on already painted masonry substrates. In addition, FX 526 is used as a primer-undercoat for decorative cycles using products from the SFIDE D'ARTE line.

Substrate preparation

The surface being painted must be dry and free from dust, dirt, etc. Any traces of oils, fats, waxes, etc. must be removed beforehand.

If the surfaces are in a state of deterioration due to stains and various types of persistent dirt, before beginning the painting cycle, these should be treated with ACTIVE ONE solution for cleaning walls (see the datasheet). Depending on the state of deterioration, the cleaning treatment may be repeated, with the addition of mechanical brushing.

Any existing crumbling plasters or renders and/or old paint that is flaky or coming loose must be carefully removed mechanically, until obtaining a solid and compact substrate. Smooth over all the irregularities on the substrate and then apply MIKROS 001 primer in microemulsion with strong penetrating power or FA 249 primer for acrylic systems (see the datasheets).

For new applications of finish and skim coat plasters and renders, wait until these have completely cured before applying the primer to the surfaces. In general, the priming treatment is to be used on all substrates that feature differences in absorption and/or slight surface dusting.

Application

For best results apply the product using a smooth roller or brush. The product must be diluted maximum 5% by weight with water. Given is good hiding power, at times just one layer of FX 526 is sufficient.



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.
- 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.
- Acquire all the material required to finish the work of the same batch.
- Check substrate solidity and adhesion carefully.
- Only apply on cured and dry plaster and never on alkaline substrates that modify the product's drying characteristics, its resistance to frost and rain and its colour development.
- Avoid application on facades in full sunlight or with strong winds.
- Avoid application at temperatures below +5°C or above +30°C and with a relative humidity higher than 75%.
- Avoid applying the material on the same facade at different times.
- Do not apply on damp masonry and/or in the coldest periods of the year, as the plaster may detach and the paint may blister due to the accumulation of moisture inside.
- Do not apply when rising damp is present.
- Exterior façades coated with FX 526, during application and on the days after drying, must be protected against rain or other precipitation and high relative humidity in the atmosphere (fog) for at least 48-72 hours, to prevent phenomena such as "streaking", washing away, stains, colour alterations, etc.
- 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 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 (this is however not recommended as per point 6 of these warnings).

FX 526 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

FX 526 is subjected to accurate and constant checks in our laboratories. The raw materials used are rigorously selected and controlled.

Technical Data

Specific weight	1,61 ± 0.05 kg/l
Dilution	With water: approx. 5%
Consumption (**)	from 200 to 250 g/m ² (from 0.12-0.16 l/m ²) per layer
Yield (**)	6-8 m ² /l per layer
Can be painted over	approx. 6 hours
Water vapour transmission rate (EN ISO 7783)	Sd < 0.14 m
Water vapour transmission rate (EN 1062-1)	Class V ₁ , high
Liquid water permeability (EN 1062-3)	0.1 kg/m ² ·h ^{1/2} < W ≤ 0.5 kg/m ² ·h ^{1/2}
Liquid water permeability (EN 1062-1)	Class W ₂ , medium
Granulometry	approx. 0.2 mm
(**) The consumption and yield values refer to the white product applied on smooth substrates of average absorbance; these should be verified by preliminary tests on the specific substrate, in relation to the chosen colour.	
ETA European Technical Approval is available for using the product in building external thermal insulation systems	
BBA Certificate available	
Italian CAM Building Decree of 23 June 2022, published in the Italian Official Journal on 06/08/2022	Complies with the criteria:
	2.5.13 paragraph b - Paints and varnishes
EU limit value of VOC content (Directive 2004/42/EC)	Category A/g, WB: VOC maximum 30 g/l Maximum VOC content in the product: < 30 g/l
Product emissions rating in accordance with French Republic decree of 19 April 2011	Product emissions rating: class C

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.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.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.