



arteMURI® SEI MAKKIABLOK



Universal water-based stain-blocking primer for walls and wood
Certified in class A+ according to UNI ISO EN 16000-9

Product description and fields of application

SEI MAKKIABLOK is an insulating water paint for interiors and exteriors composed of synthetic copolymers in water dispersion, pigments and selected fillers, free of solvents, formaldehyde and with very low VOC levels (Directive 2004/42/EC).

SEI MAKKIABLOK's strong cationic action enables it to isolate nicotine, aniline, soot, dried water and dye stains on all substrates normally used in the building industry; it is also suitable for preventing tannin outcrops from wooden beams and panels.

SEI MAKKIABLOK can also be used as a primer coat on interior substrates prior to the application of wallpapers

Advantages

- matt appearance
- high stain and tannin isolation capacity
- excellent coverage
- good water vapour permeability
- ease of application

SEI MAKKIABLOK

Specifications

Wall surfaces, such as lime-hydraulic binder based mortar plaster, premixed and traditional plaster, both civil-finished and not, concrete conglomerates and gypsum substrates of various kinds, and wooden substrates can be finished with SEI MAKKIABLOK by Fornaci Calce Grigolin, a product based on copolymers in water dispersion, pigments and selected fillers.

Consumption and packaging

SEI MAKKIABLOK is supplied in 5 l packages. The minimum consumption of this product is 0.10 l/m² for one coat.

Preparation of the substrate

New substrates and/or any renovations (patches) must have been cured for at least 4 weeks, clean and dry. Old substrates must be consistent, free of salt efflorescence and loose parts, thoroughly cleaned according to the nature and intensity of dirt deposited on the surfaces to be treated. To level and fill imperfections such as holes, cracks or crazing, first intervene with a suitable repair product or mortar. Clean off any mould or algae present with SEI KO cleaner and then sanitise the surface with SEI OK restorer.

On already painted surfaces, make sure of the condition of the film: brush and/or scrape off loose films, completely remove heavy layers of non-adhering paint.

After the application of one coat of SEI MAKKIABLOK, the stain or tannin may still be visible; with the application of the final topcoat, of any interior water paint of the ARTEMURI line, the stain or tannin will no longer surface.

Support treatment

New plasters: apply directly.

Plasters with mineral paints (lime or silicates): apply directly.

Plasters with synthetic paints (acrylic, siloxanic): apply directly.

Cement/concrete/fibrocement: apply directly.

New plaster/plasterboard: apply directly.

Plaster/plasterboard painted with tempera: apply directly.

Gypsum/concrete/plasterboard painted with paint: apply directly.

Untreated wooden substrates: apply directly.

Product preparation

For brush applications dilute the product with 10% by volume of water; for roller applications dilute the product with 3-5% by volume of water. In both cases mix well.

Application

SEI MAKKIABLOK should be applied in a single coat by brush, roller, spray or airless, taking care to distribute the product evenly over the surface. In consideration of the fact that both the stain and the supports can be of different nature, it is advisable to verify the suitability of use on test surfaces before painting.

In case of stubborn stains, apply two coats of SEI MAKKIABLOK.

SEI MAKKIABLOK IS OVERCOATABLE AFTER 24 h, ONLY AFTER THAT PERIOD IS ITS INSULATING POWER ASSURED.

SEI MAKKIABLOK

Important Warnings

Do not apply when ambient and/or substrate temperature is below +5°C or above +35°C and relative humidity is above 75%. Avoid application in the presence of surface condensation, under direct sunlight or strong wind. Immediately wash tools and equipment with water after use.

Safety instructions

The product does not require hazard labelling according to current legislation. Use the products according to current hygiene and safety regulations. After use, do not dispose of containers in the environment. Let residues dry well and treat them as special waste. See safety data sheet for further information.

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.

SEI MAKKIABLOK

TECHNICAL DATA	PERFORMANCE
Binder type	Copolymers in water dispersion
Appearance	paste/white
Specific weight (UNI EN ISO 2811-1) 25°C±2	1400 ± 20 g/l
Brookfield viscosity (ASTM D2196) 25°C±2	5.000 ± 1.000 cP
Water vapour permeability and classification (UNI EN ISO 7783-2)	V = 290 g/m ² 24h Class I (high permeability)
Equivalent air layer thickness (UNI EN ISO 7783-2)	Sd = 0,072 m
Hiding power (UNI EN ISO 6504-3:2007)	One-coat covering power: CLASS 1
Degree of gloss (UNI EN ISO 2813)	5 -10 gloss, matt
VOC Content (DIR. 2004/42/CE)	Opaque paints for interior walls and ceilings. EU limit values per subcategory a , type BA 30 g/l (2010) This product contains maximum 30 g/l of VOCs.
Application	brush, roller, spray or airless
Theoretical consumption	approx. 130 g/m ² per coat (0.10 l/m ²)
Theoretical yield	10 - 12 m ² /l one coat
Dry to the touch	1 - 2 hours
Over-painting	24 hours

v. 10/2024

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.